SUMMARY

This work plan inspection was made under FPC 88003 as a follow-up to a complaint and IDI 880126CENQ504. A three year-old female was hospitalized after she drank "Lock-Heat" liquid automotive lock de-icer packaged by Victor Automotive Products. A hospital analysis of the lock de-icer indicated that the product contained methyl alcohol, isopropyl alcohol, and ethylene glycol. An analysis done by the State of Wisconsin found that the product contained 66-68 per cent isopropyl alcohol, with no methyl alcohol or ethylene glycol found. The firm indicated to the State of Wisconsin that the product contained only isopropyl alcohol and that the lock de-icer would be packaged as an aerosol in the future.

This inspection found that the firm is a repacker and own-label distributor of automotive products. Labeling and formula information and other information obtained were primarily obtained from Ms. Barbara Ciesla, Office Manager. The aerosol lock de-icer contains isopropyl alcohol, lube oil, and carbon dioxide as the propellant. The label carries "WARNING - FLAMMABLE. CONTENTS UNDER PRESSURE", but the statements are on what would be the back or side panel instead of the main panel of the container and are vertical to the container base, instead of horizontal. The blister card the de-icer comes in does not carry any main panel statements.

Other labeling violations were noted. Mr. Silencer Exhaust System Sealer and Muffler Mender, both muffler cements, are identical and contain a 30 per cent mixture of sodium and magnesium silicates. The product may not require any warning statements, but ones currently used relate to eye irritation and are not at the the top of the main panels of the tubes the products come in. Rubber cement comes in a variety of sizes. The rubber cement contains 86 percent Hexane and has a flash point of less than 0 F. The tubes the product come in are labeled "DANGER: EXTREMELY FLAMMABLE MIXTURE. DO NOT USE NEAR FIRE OR FLAME. CONTAINS PETROLEUM NAPHTHA - KEEP OUT OF REACH OF CHILDREN". Some of the statements run onto the sides of tubes so that they are not entirely visible. Also, some sizes have the statements at the bottom of the tube instead of at the top. Blister cards the product comes in do not carry any warning statements.

Vinyl adhesive contains 60 per cent methyl ethyl ketone and 10 per cent tetrahydrofuran, and has a flashpoint of 6 F. The product comes in tubes and carries "DANGER: EXTREMELY FLAMMABLE, HARMFUL OR FATAL IF SWALLOWED. VAPORS HARMFUL", on the main panel, but the statements are at the bottom of the tube instead of the top. The blister card the product comes in carries "CAUTION: EXTREMELY FLAMMABLE". The tube's main panel is visible through the blister card. Acetone and tetrahydrofuran are listed as the hazardous ingredients instead of methyl ethyl ketone and tetrahydrofuran.
Des Plaines, IL 60016

STRUCTURE OF BUSINESS

The firm is a privately held Illinois Corporation. The firm is a repacker and
own-label distributor of automotive chemicals and automobile accessories.
There are no related firms or other facilities. The firm does no actual
manufacturing.

COMPLIANCE HISTORY

Inspections of this firm date back to 1975. The firm has a history of FHSA
labeling violations with correction seldom made. The last inspection of the
firm was done 1/17 & 3/4/86 as a follow-up to a State of Kentucky report
that two Victor products, a tire sealer and a vinyl adhesive, were mislabeled. A
number of products were found to have label violations.

PERSONS INTERVIEWED AND INDIVIDUAL RESPONSIBILITY

Credentials were shown to and a written Notice of Inspection was given to Mr.
Bert Braverman, Owner and President. Mr. Braverman provided some information
and referred me to Ms. Barbara Ciesla, Office Manager. Ms. Ciesla provided
the majority of the information obtained. The firm has the following
officers:

Bert Braverman, President
Florine Braverman, Secretary

COMPLAINT FILE

Ms. Ciesla said that she kept a complaint file. She said that if a complaint
was received, a refund was made or credit issued. Ms. Ciesla provided the
complaint file for my examination. Complaints noted regarded product
performance such as the item failing or not working at all. One complaint,
dated 1/4/88, was from David Hutchinson, 5800 N.E. 20th Terrace, Ft.
Lauderdale, FL. 33308. The complaint involved a tire repair kit where two
"plungers" bent or broke causing an unspecified hand injury.

PRODUCT EXAMINATION

1. V500 Aerosol Lock De-Icer, label and MSDS and Exhibits #1 & #2.

Mr. Braverman said that he had "taken care" of the problem with the de-
icer and the State of Wisconsin by changing the product to an aerosol. He
said that the liquid de-icer had been discontinued. He said that Victor
Automotive did not fill the product and could not recall who did. Ms.
Ciesla provided a Material Safety Data Sheet (MSDS), Exhibit #2, for the
lock de-icer.

The lock de-icer is filled by Ultramotive Corp., P.O. Box 58, Cushing Blvd.,
Bethel, VT 05032. The MSDS lists the components as isopropyl alcohol and hydraulic lube oil with carbon dioxide as the propellant. Percentages of components are not given.

The container for the lock de-icer measured three inches in height and 7/8 inch in diameter, for a principal display panel of 3.3 square inches. All labeling content is vertical or perpendicular to the base of the container, in violation of 16 CFR 1500.121 (b)(1). The label does carry "WARNING -FLAMMABLE. CONTENTS UNDER PRESSURE", and appropriate first aid information and other cautions. However, the statement of principal hazard is on what would be the side or back panel of the container instead of the principal display panel, as required by 16 CFR 1500.121 (b)(2)(i), and are under the first aid information and other cautions. The blister card the product comes in does not carry a statement of principal hazard, although first aid information and other cautions are on the back panel of the card. The card taken for label review did not show the statement of principal hazard. "SEE PRECAUTIONS ON BACK" is on the principal display panel of the container under the product name. Type sizes are correct.

2. V-802 Mr. Silencer Exhaust System Sealer and V-807 Muffler Mender labels and in MSDS in Exhibits #3, #4, & #5.

Ms. Ciesla said that these products had identical formulas. The products come in tubes, and are purchased from Yale Engineering Co., 4025 North Ravenswood Avenue, Chicago, Illinois 60613. The same tube of V-802 Mr. Silencer Exhaust Sealer is also used in V-800, Mr. Silencer Muffler Repair Kit., V-801, Mr. Silencer Exhaust Pipe Repair Kit, and V-812, Exhaust System Repair Kit. The V-807 Muffler Mender is also sold in individual tubes without a blister card as V-807D and as V-808 Muffler Mender Kit.

The Mr. Silencer Exhaust System Sealer tube measured 4 inches high by 1-3/8 inches wide for a principal display panel of 5.5 inches. The Muffler Mender tube measured 5-3/4 inches high by 1-5/8 inch wide for a principal display panel of 9.3 inches. Formula information obtained during the 3/4/86 inspection of the firm indicates that the product contains 30% hydrated sodium and magnesium silicates and fiberglass pieces. The MSDS lists water as the vehicle for the silicates. The MSDS does not list the product as containing any hazardous ingredients. The Hazardous Substances Labeling Guide lists a suggested warning of "CAUTION - IRRITANT" for products containing 10-25 per cent sodium silicate. This product may not require any warning statements. Currently, the Mr. Silencer Exhaust System Sealer tube carries "CAUTION MAY CAUSE EYE IRRITATION", at the top of the tube, but the wording is in a vertical instead of horizontal orientation. The Muffler Minder tube carries "CAUTION MAY CAUSE EYE IRRITATION", at the bottom of a tube instead of at the top.
For the Mr. Silencer Exhaust Sealer tube, the signal word should be 3/32 inch high instead of 5/64 inch as is currently used. The statement of hazard is in proper type size. Some of the other cautionary information mentioned is in 3/64 inch instead of the required 1/16 inch. Type size used on the Muffler Mender appears to be proper. Neither blister card for these products contains any cautionary information. Labeling for the Mr. Silencer Exhaust System Sealer is attached as Exhibit #3. Labeling for the Muffler Mender is attached as Exhibit #4. A MSDS for the muffler cement is attached as Exhibit #5.

3. Rubber cement, label and MSDS in Exhibits #6 & #7.

This product comes in different size tubes and is purchased from Williamson Adhesives, Inc., 8220 N. Kimball Ave., Skokie, IL 60076. The MSDS shows the product as containing 86% Hexane and 6% Ethyl Alcohol and having a flash point of less than 0 degrees F. The rubber cement comes by itself as item V-600, 2 oz. tube, and is also used in a number of tire repair kits.

Kits the rubber cement is used in are V-401, EZ Fix Rubber Kit; V-402 Bike Patch Kit; V-404 EZ Fix Rubber Kit; V-405, Chemical Seal Patch; V-410, Super Thin Patch Kit; V-501 Tire Repair Kit; V-502 Tire Repair Kit; V-403 Shop Patch Kit; V-406 Shop Patch Kit; V-407 Patch Kit Box; V-411 Bike Patch Kit Box; V-417 Truck Tire Repair; V-418 Truck Tire Repair; V-419 Truck Tire Repair; V-101 Tubeless Tire Repair Kit; V-102 Tubeless Tire Repair Kit; V-103 Tubeless Tire Repair Kit-Radial; V-104 Steel Belted Radial Tire Kit; V-106 Tubeless Tire Kit-Heavy Duty; V-108 Tubeless Tire Repair Kit; V-414 Radial Tire Patch Kit; V-415 Steel Belted Radial Sidewall Repair Kit; V-416 Steel Belted Radial Sidewall Repair Kit; V-303 Vinyl Patch Kit; and V-315 Radiator Hose Repair Kit. Differences in the kits include different size patches, number of tools included, and size of tube of rubber cement used.

The rubber cement varies in size as .41, 1/2, and 2 fl. oz. tubes. All tubes carry cautionary information on the main panel, but some have cautions at the bottom instead of the top of the tube as required by 16 CFR 1500.121 (e). Principal display panel sizes are 1.88 sq. in. for the .41 fl. oz. tube, 3.06 sq. in. for the 1/2 fl. oz. tube and 4.5 sq. in. for the 2 fl. oz. tube. The tubes are labeled "DANGER: EXTREMELY FLAMMABLE MIXTURE. DO NOT USE NEAR FIRE OR FLAME. CONTAINS PETROLEUM NAPHTHA. KEEP OUT OF REACH OF CHILDREN". Type size uses appear to be in compliance. The printing for the warnings is such that the signal word "DANGER", and some other wording is not visible because it runs onto the sides of the tubes. Also, on some of the blister cards, the tubes are able to move so that the statements are not horizontal as required by 16 CFR 1500.121 (b)(1). The blister cards do not carry any kind of warnings or first aid statements. The term "SPARKS" should be added to the statement: "DO NOT USE NEAR FIRE OR FLAME", and the hazardous component should be listed as Hexane. Labeling and a MSDS for the rubber cement are attached as Exhibits #6 & #7.
4. VB-58 GO Emergency Bicycle Tire Repair, label and MSDS in Exhibits #8 and #9.

Mr. Braverman said that this aerosol product was a new item that he did not know the formula for. Ms. Ciesla said she did not have a MSDS for this product. Mr. Braverman said that the product was filled by Aerosol Systems, Inc., 9150 Valley View Road, Macedonia, OH 44056.

Aerosol Systems, Inc., was contacted to find out what the composition of the product was. Mr. Lloyd Flanner of Aerosol Systems said that the product contained a butyl latex emulsion and a small amount of aqua ammonia. He said the product was 91 percent water. He said that the propellant was a propane/isobutane mixture.

The container has a principal display panel measured as 12 sq. in. The main panel is labeled "DANGER! EXTREMELY FLAMMABLE CONTENTS UNDER PRESSURE. Read back panel carefully." Main panel and rear panel labeling appears to be adequate. The signal or danger is in proper size, but the statements of hazard are in 5/64 in. type instead of the required 3/32 in. size type and the rear panel cautions are in 3/64 in. instead of the required 1/16 in. size type, as required by 16 CFR 1500.121 (c)(2)(i). The blister card the product comes in carries back panel cautionary information but no main panel warnings.

5. V-57 Bicycle Tire Sealer and VB-54 Flat Proof, labels, MSDS and Exhibits #10, #11 and #12.

Ms. Ciesla said that these products were identical. She said these products were purchased from Chemicals & Coatings Corp., 3067 North Sn., Elston Ave, Chicago, IL 60618. Information on these products indicates that they contain 5% sodium silicate and 95% water. The same product is packaged as V-601 Leak Proof Tire Sealant, V-602 Tire Sealer, and V-603 Tire Sealer.

The products are labeled "CAUTION Contains Sodium Silicate. Injurious to eyes", and first aid information. Order 9010.125, Hazardous Substances Labeling Guide, indicates that irritant warnings are required for 10-25% sodium silicate so that these products appear not to require any warnings.

6. Vinyl adhesive, label and MSDS and Exhibits #13 and #14.

This product comes in a tube and is obtained from Coatings & Chemicals Corp., 3067 North Elston Ave., Chicago, IL 60618. The MSDS for the Vinyl Adhesive lists hazardous ingredients as 60% Methyl Ethyl Ketone and 10% Tetrahydrofuran. A flash point of 6 F. is listed for this product. The product comes in a tube on a blister card. The tube measured 5 inches high by 1 1/8 in. wide for a principal display panel of 5.6 sq. in. The blister card measured 8 5/8 inches high by 4-3/8 inches wide, for a principal display panel of 37.7 sq. in.
The main panel on the tube carries: "DANGER: EXTREMELY FLAMMABLE, HARMFUL OR FATAL IF SWALLOWED. VAPORS HARMFUL", at the bottom instead of the top of the tube. The back panel on the tube lists Acetone and Tetrahydrofuran as the hazardous ingredients. The blister card carries: "CAUTION: EXTREMELY FLAMMABLE", on the front, and lists Acetone and Tetrahydrofuran as the hazardous ingredients.

The signal word and statement of hazard on the main panel of the tube are all in 5/64 in. high type instead of the required 3/32 in. Back panel warnings on the tube appear to be of proper size. The signal word on the blister card is 1/8 in. instead of the required 5/32 in. The statement of hazard and the back panel cautions appear to be in proper size. The main panel on the card should carry "VAPOR HARMFUL". Labeling for the vinyl adhesive and a MSDS are attached as Exhibits #13 and #14.

PROMOTION

Ms. Ciesla said that the firm did little advertising. She said that ads were placed in automotive trade publications. She said the customers did their own advertising.

DISTRIBUTION

Ms. Ciesla said that distribution was basically done by common carrier truck lines and UPS. She said that large customers of the firm included: K-Mart, Montgomery Ward & Co., Ace Hardware, Cotter & Co./True Value Hardware, Auto Works, and Perry Drug/Auto Shack.

DISCUSSION WITH MANAGEMENT

Mr. Braverman was told that warnings on the tubes were required to be at the top of the tube instead of at the bottom. Mr. Braverman's reply was to the effect that he thought that 10-15 years the warnings were required to be on the tops of the tubes but now were supposed to be at the bottom. Mr. Braverman was also told that warnings on items on blister cards had to be prominently displayed and that if the warnings were not visible on the product itself, they had to be on the card.
EXHIBITS

Exhibit #1  -  Labeling for V-500 Aerosol Lock De-icer.
Exhibit #2  -  MSDS for V-500 Aerosol Lock De-Icer.
Exhibit #3  -  Labeling for V-802 Mr. Silencer Exhaust System Sealer.
Exhibit #4  -  Labeling for Muffler Mender.
Exhibit #5  -  MSDS for Muffler Cement.
Exhibit #6  -  Labeling for Rubber Cement.
Exhibit #7  -  MSDS for Rubber Cement.
Exhibit #8  -  Labeling for VB-58 GO Emergency Bicycle Tire Repair.
Exhibit #9  -  MSDS for Bicycle Tire Repair.
Exhibit #10 -  Labeling for V-57 Bicycle Tire Sealer
Exhibit #11 -  Labeling for VB-54 Flat Proof.
Exhibit #12 -  MSDS for Tire Sealer.
Exhibit #13 -  Label for Vinyl Cement.
Exhibit #14 -  MSDS for Vinyl Cement.
Exhibit #15 -  Victor Automotive Products catalog

[Signature]

Robert B. Johnston
Investigator
U.S. CONSUMER PRODUCT SAFETY COMMISSION
NOTICE OF INSPECTION

1. DATE 5-23-88
2. TIME 11:30 A.M. P.M.

3. FROM (Area Office and Address) 230 S. WABASH ST.
   CHICAGO, ILL. 60604

4. TO VICTOR A. WOOD
   VICTOR AUTOMOTIVE PRODUCTS, INC.
   501 S. WABASH ST.
   DES PLAINES, ILL. 60016

Notice of Inspection is hereby given pursuant to:

• Flammable Fabrics Act (15 U.S.C. 1191 et seq.);
• Federal Trade Commission Act (15 U.S.C. 41 et seq.);
• Sections 16, 19 and 27 of the Consumer Product Safety Act (15 U.S.C. 2055, 2066 and 2076);
• Section 704(a) of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 374a) [Authority for inspections in connection with the Poison Prevention Packaging Act of 1970 (15 U.S.C. 1471 et seq.)] and/or
• Section 11(b) of the Federal Hazardous Substances Act as Amended (15 U.S.C. 1270(b)).

Refer to the back of this form for a discussion of inspecitional authority and for pertinent statutory language.

5. PURPOSES OF INSPECTION AND NATURE OF INFORMATION TO BE OBTAINED AND/OR COPIED.

The purpose of this inspection is to obtain information to review and obtain copies of items including but not limited to records, reports, books, documents; and labeling; and to obtain samples, in order to enforce or determine compliance with the Acts administered by the Consumer Product Safety Commission.

6. FREEDOM OF INFORMATION REQUIREMENTS

Those from whom information is requested should state whether any of the information submitted is believed to contain or relate to a trade secret or other matter which should be considered by the Commission to be confidential and whether any of the information is believed to be entitled to exemption from disclosure by the Commission under the provisions of the Freedom of Information Act (15 U.S.C. 552). Any statement asserting this claim of confidentiality must be in writing, and any request for exemption of the information from disclosure must be made in accordance with the Commission's Freedom of Information Act regulations, 16 CFR Part 1015.

7. SIGNATURE (Authorized CPSC Officer)

[Signature]

CPSC Form 294 (5/78)
Material Safety Data Sheet

Section I. IDENTIFICATION

Ultramotive Corporation

Cushing Blvd., P. O. Box 58
Bethel, Vermont 05032

Emergency Telephone Number 802-234-9901

Telephone Number for Information Same as Above.

Date Prepared 8/18/86

Signature of Preparer (optional)

Section II. PHYSICAL DATA

BOILING POINT, 760 mm Hg, °F 180

FREEZING POINT °F minus 88

DENSITY lbs/gal (at 68°F) 6.6

VAPOUR DENSITY (Air = 1) 2.1

VAPOUR PRESSURE mm Hg at 68°F 33

AEROSOL CONTAINER PRESSURE at 70°F, psig 85

% VOLATILES BY VOLUME 98

SOLUBILITY IN WATER, % by Vt. complete

EVAPORATION RATE (Butyl Acetate = 1) 2.4

APPEARANCE AND ODOR: clear, light yellow liquid with alcohol type odor.

Section III. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>CAS #</th>
<th>TLV (UNITS)</th>
<th>(SOURCE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>isopropyl alcohol</td>
<td>67-63-0</td>
<td>400 ppm</td>
<td>ACGIH (1985-86)</td>
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<tr>
<td>hydraulic lube oil</td>
<td>64742650</td>
<td>5 mg/m³</td>
<td>ACGIH (1985-86)</td>
</tr>
<tr>
<td>carbon dioxide</td>
<td>128-38-9</td>
<td>500 ppm</td>
<td>ACGIH (1985-86)</td>
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</table>
IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 64°F (18°C) Tag Open Cup
58°F (15°C) Pensky-Martens Closed Cup

FLAMMABLE LIMITS IN AIR, % BY VOLUME: LOWER: not determined
UPPER: not determined

AUTOIGNITION TEMPERATURE, °C: not determined

EXTINGUISHING MEDIA:
Alcohol foam, carbon dioxide or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES:
Use self-containing breathing apparatus in confined areas.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Keep away from other sources of ignition.

V. HEALTH HAZARD DATA

EFFECTS OF SINGLE OVEREXPOSURE:

HALLOWING: Slightly toxic. Ingestion of a large quantity may cause
drowsiness and loss of consciousness. Stomach cramps, pain,
nausea, vomiting and diarrhea may also occur.

SKIN ABSORPTION: No evidence of adverse effects from available information.

INHALATION: Low concentrations may cause mild irritation of nose and
throat. High concentrations may result in headache and
drowsiness.

SKIN CONTACT: Prolonged contact may cause slight reddening with drying
and cracking of skin.

EYE CONTACT: Causes moderate irritation, with possible corneal opacity,
iritis, and conjunctival irritation.

EFFECTS OF REPEATED OVEREXPOSURE:

No evidence of adverse effects from available information.

OTHER EFFECTS OF OVEREXPOSURE:
None currently known.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:
...because of its irritating and defatting properties, this material may aggravate
...
EMERGENCY AND FIRST AID PROCEDURES:

SWALLOWING: Give two glasses of water and induce vomiting. If a significant quantity has been swallowed, get medical attention promptly.

SKIN: Remove contaminated clothing and flush skin with water.

INHALATION: Remove to fresh air. If breathing stops, give artificial respiration and see a physician soon.

EYES: Immediately flush eyes with water for 15 minutes. Obtain medical attention promptly.

NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

VI. REACTIVITY DATA

INCOMPATIBILITY (Materials to Avoid):

Acrylonitrile, acrylonitrile monomers, acrylonitrile polymers, acrylonitrile polymerizable esters, hydrogen with palladium and shipping or storing of product in uncoated aluminum containers.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:

None

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wear appropriate personal protective equipment and remove all sources of ignition. Collect material for disposal in a container suitable for flammable waste.

WASTE DISPOSAL METHOD:

Waste material is a RCRA hazardous waste due to ignitability if discarded in its purchased form. Incineration or landfilling should be carried out in accordance with applicable RCRA federal, state and local regulations.
VIII. SPECIAL PROTECTION INFORMATION
(for manufacturing and bulk spill cleanup)

RESPIRATORY PROTECTION (specify type):
None required under normal use.

VENTILATION:
General ventilation is considered adequate under normal use.

PROTECTIVE GLOVES: Natural rubber or neoprene gloves to avoid prolonged skin contact.

EYE PROTECTION: Chemical safety goggles.

OTHER PROTECTIVE EQUIPMENT: None

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Avoid eye contact.
Keep away from heat sources, sparks and flame.
Contents under pressure; do not store at temperatures above 120°F.

OTHER PRECAUTIONS:

Observe all requirements of plant, company or government regulations.

X. DEPARTMENT OF TRANSPORTATION

HAZARDOUS MATERIAL (Shipping Name): Consumer Commodity

HAZARD CLASSIFICATION: ORM-D
SEALS PROTECTS PERMANENT

CAUTION
MAY CAUSE EYE IRRITATION
See caution on back panel

NET WT. 6 OZ. (170 Grams)

CAUTION: KEEP AWAY FROM CHILDREN. Contains sodium silicate. May cause eye irritation. Avoid contact with eyes. Do not take internally. In case of contact with eyes, flush eyes with plenty of water and call a physician immediately.

VICTOR AUTOMOTIVE PRODUCTS, INC.
Chicago, IL 60616
MATERIAL SAFETY DATA SHEET

Section I

Manufacturer's Name
YALE ENGINEERING COMPANY

Street Address
4025 NORTH RAVENSWOOD AVE.

City, State, and Zip Code
CHICAGO, ILL. 60613.

Emergency Telephone No.
(312) 975-0054

Chemical Name and Synonyms
High Temperature Bonding Cement

Exhaust System Sealer

Trade Name
Muffler Cement

Formula
Hydrated Sodium & Magnesium Silicate

Section II - Hazardous Ingredients

Paints, Preservatives, & Solvents

<table>
<thead>
<tr>
<th>Pigments</th>
<th>% TLV (Units)</th>
<th>Solvents</th>
<th>% TLV (Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

Catalysts

None

Additives

None

Vehicle

Water

Others

None

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES

None

Section III - Physical Data

Boiling Point (°F)
250°F

Specific Gravity (H₂O = 1)
Greater than 1

Vapor Pressure (mm Hg)
Approx. 40%

Vapor Density (Air = 1)
N.A.

Solubility in Water
Dispersable

Appearance and Odor
Greyish-no perceptible odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)
None

Flammable Limits
N.A.

Extinguishing Media

Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.
Section V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
N.A.

EFFECTS OF OVEREXPOSURE
IRRITATION IF INGESTED, EYE CONTACT OR SKIN CONTACT

EMERGENCY AND FIRST AID PROCEDURES
IF SPLASHED IN EYES OR ON SKIN, FLUSH THOROUGHLY WITH WATER.
IF INGESTED OR INHALATION, DO NOT INDUCE VOMITING, GIVE LARGE QUANTITIES OF WATER
CALL PHYSICIAN.

Section VI – REACTIVITY DATA

STABILITY
Very

STABLE

UNSTABLE

CONDITIONS TO AVOID

INCOMPATABILITY (Materials to avoid)
None

HAZARDOUS DECOMPOSITION PRODUCTS
None

HAZARDOUS POLYMERIZATION
MAY OCCUR

WILL NOT OCCUR

CONDITIONS TO AVOID

X

None

Section VII – SPILL OR LEAK PROCEDURES

DOES TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Flush away with water

WASTE DISPOSAL METHOD
Dilute with water.

Section VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)
None required unless atomized.

VENTILATION
None needed

LOCAL EXHAUST
SPECIAL N.A.

MECHANICAL (General)

OTHER N.A.

PROTECTIVE GLOVES
Suggested

EYE PROTECTION
Protective goggles

OTHER PROTECTIVE EQUIPMENT
None required

Section IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Keep from freezing. Store at ambient temperatures in tightly closed containers.

PRODUCT WT. APPROX. 12 lb./gal.

OTHER PRECAUTIONS FOR MANUFACTURING USE: Keep pumping system airtight. Keep exit nozzle under water when not in use. Flush system thoroughly with water at regular intervals. Suggested Pumping Pressure 60 P.S.I. or more.
**Super Thins**

No Thumping Patches
A Must for High Pressure Bike Tires

Tubeless Tires
Bicycle Tires
Works under Bike Rim

Auto Tires
Tube Tires
Motorcycle Tires

Contents:
2—Small Round Patches
2—Large Round Patches
1—Metal Buffer
1—Tube Cement

VICTOR AUTOMOTIVE PRODUCTS, INC., CHICAGO, IL 60641
E-Z Fix Patch Kit

Contents:
3-1 in. x 1 in. patches
2-1 in. x 2 in. patches
1-2 in. x 3 in. patches
Metal buffer tube cement

VICTOR AUTOMOTIVE PRODUCTS, INC., CHICAGO, ILL. 60641
Material Safety Data Sheet

Section I

Manufacturer's Name
Williamson Adhesives, Inc.

Address (Number, Street, City, State, and ZIP Code)
8220 North Kimball Avenue

Skokie, Illinois 60076

Section II — Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Chemical Identity; Common Name(s))</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>% (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexane (CAS No. 110-54-3)</td>
<td>500ppm</td>
<td>50ppm</td>
<td>100ppm (NIOSH)</td>
<td></td>
</tr>
<tr>
<td>Ethyl Alcohol (CAS No. 64-17-5)</td>
<td>1000ppm</td>
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<td></td>
</tr>
</tbody>
</table>

Section III — Physical/Chemical Characteristics

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>156°</td>
</tr>
<tr>
<td>Specific Gravity (H₂O = 1)</td>
<td>0.69</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>124</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>8.1</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
</tbody>
</table>

Appearance and Odor
Tan Liquid, Petroleum Odor

Section IV — Fire and Explosion Hazard Data

Extinguishing Media
Regular foam, carbon dioxide, or dry chemical

Special Fire Fighting Procedures
Wear self contained breathing apparatus with a full facepiece operated in pressure - demand or other positive pressure mode when fighting fires.

Unusual Fire and Explosion Hazards
Material is highly volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point.
Section V — Reactivity Data

Stability

<table>
<thead>
<tr>
<th>Unstable</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Heat, sparks and open flames</td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid)

<table>
<thead>
<tr>
<th>Strong Oxidizing Agents</th>
</tr>
</thead>
</table>

Hazardous Decomposition or Byproducts

Fumes, smoke and CO, in the case of complete combustion

Hazardous Polymization

<table>
<thead>
<tr>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Gas toxicity and explosion</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Will Not Occur</th>
<th>X</th>
</tr>
</thead>
</table>

Section VI — Health Hazard Data

Route(s) of Entry

<table>
<thead>
<tr>
<th>Primary</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
<th>Unlikely</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Unlikely</td>
</tr>
</tbody>
</table>

Health Hazards (Acute and Chronic)

- EYES—can cause severe irritation, redness, tearing, blurred vision.
- SKIN—prolonged or repeated contact can cause moderate irritation, defatting or dermatitis.
- BREATHING—excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, nerve damage and even asphyxiation.
- SWALLOWING—can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Carcinogenicity: NTP? No IARC Monographs? Unknown OSHA Regulated? Yes

Signs and Symptoms of Exposure

Overexposure to solvent components has been suggested as a cause of the following effects in humans: perepheral nerve damage — See: (Health Hazards—Acute and Chronic)

Medical Conditions

- General Aggravated by Exposure: Dermatitis, Asthmatic

Emergency and First Aid Procedures

- SKIN—wash exposed area with soap & water. EYES—flush with large amounts of water lifting upper and lower lids. SWALLOWING—do not induce vomiting, keep person warm and quiet. BREATHING—if affected, remove individual to fresh air, administer artificial respiration or oxygen, if necessary — for all conditions—GET MEDICAL ATTENTION

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

- Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area until clean up is completed. Liquid may be taken up with sand or absorbent material and shoveled into containers.

Waste Disposal Method

Incinerate or landfill in accordance with local, state and Federal regulations.

Precautions to Be Taken in Handling and Storing

- Keep containers tightly sealed and stored in an area designed for flammable liquid

Other Precautions

None Known

Section VIII — Control Measures

Respiratory Protection (Specify Type)

- If TLV of the product is exceeded, a NIOSH/OSHA jointly approved air respirator is advised in absence of proper environmental control.

Ventilation

<table>
<thead>
<tr>
<th>Local Exhaust</th>
<th>Provide sufficient mechanical or local ventilation to maintain exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special</td>
<td>Special</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mechanical (General) below TLV(s)</th>
<th>Other</th>
</tr>
</thead>
</table>

Protective Gloves

- Wear resistant gloves such as nitrile rubber

Eye Protection

- Chemical splash goggles

Other Protective Clothing or Equipment

- to prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Work/Hygienic Practices

Good housekeeping practices are recommended.
FORMULATED SPECIALLY FOR BICYCLE TIRES

BICYCLE TIRE REPAIR

INFLATES AND SEALS FLAT TIRES

COMPLETE STRAPS

EMERGENCY TIRE INFLATOR FOR BICYCLES

NICHOLAS M. VICTOR

EXTREMELY FLAMMABLE物质

NET WT. 6 oz. (170g)

VICTOR AUTOMOTIVE PRODUCTS, INC., DES PLAINES, IL 60016
June 7, 1988

Robert Johnston  
U.S. Consumer Product Safety Commission  
230 South Dearborn Street  
Room 2944  
Chicago, IL 60604

Dear Mr. Johnston:

Following up on our telephone conversation regarding Victor Bicycle Tire Inflator. As you requested, enclosed is a material safety data sheet on the product. As you will note, the product is 69% water which is non-hazardous.

If I can be of further help, let me know.

Very truly yours,

Lloyd T. Planner  
Vice President

LTF/cp
IDENTITY:

TM-2248

TIRE INFLATOR (Victor)

Section I

Manufacturer's Name: Aerosol Systems, Inc.
Emergency Telephone Number: (216) 467-4195
Address: 9150 Valley View Road
Telephone Number for Information: (216) 467-4195
Macedonia, OH 44056
Date Prepared: June 7, 1988
Market name must be used above per OSHA

Section II - Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Toxicous Components (Specific Chemical Identity, Common Names(s))</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>STEL</th>
<th>% (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane (CAS 74-98-6)/Isobutane (75-285)</td>
<td>1000</td>
<td>1000</td>
<td></td>
<td>Asphyxiants 25</td>
</tr>
</tbody>
</table>

NON HAZARDOUS INGREDIENTS

| Water (CAS 7732-18-5)                          | N.A.     | N.A.      | N.A. | 63            |
| Sealant (Polyvinyl Acetate Emulsions 50%)      | N.A.     | N.A.      | N.A. | 12            |

Section III - Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Boiling Point Range</th>
<th>Specific Gravity (H₂O = 1)</th>
<th>Melting Point</th>
<th>Evaporation Rate (Butyl Acetate = 1)</th>
<th>Solubility in Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>40°F to 212°F</td>
<td>1.0</td>
<td>Liquid</td>
<td>0.2</td>
<td>Partially</td>
</tr>
<tr>
<td>Vapor Pressure PSIG @ 70°F</td>
<td>60</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Liquid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(AIR = 1)</td>
<td>Heavier than Air</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>White Foam-Paint Odor</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): -40°F T.C.C.

Extinguishing Media: Use water fog, dry chemical or carbon dioxide

Flammable Limits: LEL 1.8, UEL 12.0

Special Fire Fighting Procedures: Aerosol cans may rupture when heated

Unusual Fire and Explosion Hazards: Heated cans may burst
Section V - Reactivity Data

Stability

<table>
<thead>
<tr>
<th></th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td></td>
<td>X High Temperatures</td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid)

**Strong Oxidizers - Reactive Metals**

Hazardous Decomposition or Byproducts

**In fire will decompose to carbon dioxide and water.**

<table>
<thead>
<tr>
<th></th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will not Occur</td>
<td>X</td>
<td>None</td>
</tr>
</tbody>
</table>

Section VI - Health Hazard Data

Route(s) of Entry: 

<table>
<thead>
<tr>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Health Hazards (Acute and Chronic)

May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin.

Effects are reversible. Long term exposure (years) vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system.

Carcinogenicity:

<table>
<thead>
<tr>
<th>NTP?</th>
<th>IARC Monographs?</th>
<th>OSHA Regulated?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presently not on any list.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signs and Symptoms of Exposure

- Inhalation: Difficulty in breathing, Skin-redness, Ingestion-vomiting.

Medical Conditions

Generally Aggravated by Exposure: Heart Disease; Respiratory Disorders.

Emergency and First Aid Procedures

- Give oxygen - Do not induce vomiting - Gastric lavage - Wash eyes and skin with water.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material Is Released or Spilled:

Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

Waste Disposal Method

Dispose as hazardous waste in accordance with EPA RCRA.

Precautions to be Taken in Handling and Storing

- Keep away from heat, sparks, or open flame. Store at temperatures below 120°F.

Other Precautions

- None

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Self contained breathing apparatus if above TLV limit exceeding.

Ventilation

<table>
<thead>
<tr>
<th>Local Exhaust</th>
<th>Yes</th>
<th>Special</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical (General)</td>
<td>None</td>
<td>Other</td>
<td>None</td>
</tr>
</tbody>
</table>

Protective Gloves

None required if spraying

Eye Protection

Wear eye protection

Other Protective Clothing or Equipment

Long sleeve and long pants
BICYCLE TIRE SEALER
SEALS AND PREVENTS LEAKS

CONTENTS: 2 FL. OZ.

VICTOR AUTOMOTIVE PRODUCTS INC. CHICAGO IL 60641
FLAT PROOF FOR BIKE TIRES

- NO MORE FLAT TIRES
- STOPS LEAKS
- FILLS 2 TIRES
MANUFACTURER'S NAME: COATINGS & CHEMICALS CORP.  
3067 W ELSTON AVENUE  
CHICAGO, ILLINOIS 60618  

DATE OF PREPARATION: 01-19-1987  

SECTION I - PRODUCT IDENTIFICATION  

PRODUCT NUMBER: 41109  
PRODUCT NAME: SILICIA - TIRE SEALER  
PRODUCT CLASS: ORGANIC SILICATE  

SECTION II - HAZARDOUS INGREDIENTS  

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NUMBER</th>
<th>WEIGHT PERCENT</th>
<th>OCCUPATIONAL EXPOSURE LIMITS</th>
<th>VAPOR PRESSURE</th>
</tr>
</thead>
</table>

*** NO HAZARDOUS INGREDIENTS PRESENT. ***

SECTION III - PHYSICAL DATA  

BOILING RANGE: 212  
VAPOR DENSITY: LIGHTER THAN AIR  
EVAPORATION RATE: SLOWER THAN ETHER  
% VOLATILE VOLUME: 94.60  
WT/GAL: 11.29
FLAMMABILITY CLASS: Liquid Class
FLASH POINT: Not Available

EXTINGUISHING MEDIA: Water, Foam, Dry Chemical, CO2.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
APPLICATION OF WATER OR FOAM MIST MAY LEAD TO EXPLOSION. AVOID OPEN FLAME OR HEAT, ELECTRICAL EQUIPMENTS AND COMBUSTIBLE MATERIALS. PREVENT CONTAMINATION OF WASTE WATER WITH USED FOAM MIST.

SPECIAL FIREFIGHTING PROCEDURES:
A WORD OF CAUTION: WATER MUST NOT BE USED TO EXTINGUISH FIRE AS IT WILL COMBUST. USE CO2 OR ADRIFT. USE WATER IF IT IS ABSOLUTELY NECESSARY TO FIGHT A LARGE FIRE.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF EXPOSURE:
TOXICITY - PROLONGED OR REPEATED EXPOSURE CAN CAUSE ACUTE OR CHRONIC SYSTEMIC EFFECTS INCLUDING STAGGERING, CONFUSION, UNCONSCIOUSNESS AND COMA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
ALLERGIC REACTIONS ARE LIKELY TO WORSE UPON EXPOSURE.

PRIMARY ROUTE(S) OF ENTRY: INHALATION.

EMERGENCY AND FIRST AID PROCEDURES:
FIRST AID PROCEDURES: IMMEDIATELY DETACH FROM SOURCE. SUBMERGE IN LARGE AMOUNTS OF WATER FOR AT LEAST 30 MINUTES. CLINICAL AND HYGIENIC TREATMENT TO FRESH WATER. RESTORE BREATHING. VOMIT ORGANIC MATTER. WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. ADMINISTRATION OF LAVAGE WITH LOTS OF WATER TO PROTECT. DO NOT INDUCE VOMITING.

SECTION VI - REACTIVITY DATA

STABILITY: Stable.

HAZARDOUS POLYMERS/REACTIONS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS:
FOG MAY PRODUCE HCN, NITROGEN OXIDES OF HYDROGEN AND OXIDES OF NYLON.

CONDITIONS TO AVOID:
HIGH TEMPERATURES.

INCOMPATIBILITY (MATERIALS TO AVOID):
None reported.

SOME RECOMMENDATIONS:

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
REMOVE ALL SOURCES OF IGNITION (FLAMES, HOT SURFACES AND ELECTRICAL, STATIC OR
FRICIONAL SPARKS). AVOID INHaling VAPORS. VENTILATE AREA.

WASTE DISPOSAL METHOD:
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
DO NOT INCINERATE CLOSED CONTAINERS.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:
IN RESTRIC TED VENTILATION AREAS USE NIOSH APPROVED CHEMICAL MECHANICAL FILTERS
DESIGNED TO REMOVE A COMBINATION OF PARTICULATES AND GAS AND VAPOR. IN CONFINED
AREAS USE NIOSH APPROVED AIR LIMIT TYPE RESPIRATORS OR HOODS.

VENTILATION:
ALL APPLICATION AREAS SHOULD BE VENTILATED IN ACCORDANCE WITH OSHA REGULATIONS
KEEP THE TLV OF HAZARDOUS INGREDIENTS BELOW ACCEPTABLE LIMIT.

PROTECTIVE GLOVES:
REQUIRED FOR PROLONGED OR REPEATED CONTACT

EYE PROTECTION:
USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

OTHER PROTECTIVE EQUIPMENT:
PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED CLOTHING. EYE WASH STATION
AND SAFETY SHOWERS SHOULD BE AVAILABLE.

HYGIENIC PRACTICES:
WASH HANDS BEFORE EATING OR USING THE WASHROOM, SMOKE IN SMOKING AREAS ONLY.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
DO NOT STORE ABOVE 100 DEGREES FAHRENHEIT. STORE LARGE QUANTITIES IN BLDGS
DESIGNED FOR STORAGE OF NFPA CLASS FLAMMABLE LIQUIDS.

OTHER PRECAUTIONS:
DO NOT TAKE INTERNALLY. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID
FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES. EMTIED CONTAINERS MAY RETAIN
HAZARDOUS PROPERTIES. DO NOT CUT, PUNCTURE OR WELD ON NEAR CONTAINER.
The data set forth in this sheet are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. COATINGS AND CHEMICALS CORP. makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereof.

COATINGS AND CHEMICALS CORP. warrants only that its products conform with their published specifications, and no other express warranty is made with regard thereto. We do not guarantee favorable results and we assume no liability in connection with the use of the products. They are intended for use by persons having technical skill and knowledge, at their own discretion and risk.

COATINGS AND CHEMICALS CORP.

DATE OF REVISION:
January 15, 1987

PREPARED BY:

KANTI GANDHI
Technical Director
MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME: COATING & CHEMICALS CORP.
3067 N ELTON AVENUE
CHICAGO, ILLINOIS 60613

DATE OF PREPARATION: 01-19-1987

EMERGENCY TELEPHONE NO.: (312) 588-7721
INFORMATION TELEPHONE NO.: (312) 657-1137 NIGHT

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER: 42627
PRODUCT NAME: 42627 - VINYL ADHESIVE
PRODUCT CLASS: MODIFIED VINYL

SECTION II - HAZARDOUS INGREDIENTS

| INGREDIENT            | CAS NUMBER | WEIGHT PERCENT | OCCUPATIONAL EXPOSURE LIMITS | VAPOR PRESSURE
|-----------------------|------------|----------------|-----------------------------|----------------
| M.E.K. (METHYL ETHYL KETONE) | 60         | 200            | 70.0 20C                     |
| TETRAHYDROFURAN       | 10         | 200            | 143.0 20C                    |

SECTION III - PHYSICAL DATA

BOILING RANGE: 149 - 174
VAPOR DENSITY: LIGHTER THAN AIR
EVAPORATION RATE: SLOWER THAN ETHER
% VOLATILE VOLUME: 77.83 WT/GAL: 7.74
SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: Flammable Liquid - Class IB

FLASH POINT: 2 DEGREES LEAF: 2.0

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL,

UNUSUAL FIRE AND EXPLOSION HAZARDS:
KEEP CONTAINERS TIGHTLY CLOSED, ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENTS AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS.

SPECIAL FIREFIGHTING PROCEDURES:
WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:
INHALATION - IRRITATION OF RESPIRATORY TRACT OR ACUTE NERVOUS SYSTEM DREPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR DEATH.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:
ALLERGY, SENSITIZATION WHICH MAY BECOME WORSE UPON EXPOSURE

PRIMARY ROUTE(S) OF ENTRY: DERMAL, INHALATION,

EMERGENCY AND FIRST AID PROCEDURES:
NOTIFY PHYSICIAN. SPLASH (EYES): FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINS. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. INJURY (SKIN): WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. INGESTION: DRINK 1 OR 2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:
FUMES PRODUCED MAY CONTAIN CARBON MONOXIDE AND OXIDES OF NITROGEN.

CONDITIONS TO AVOID:
HIGH TEMPERATURES, SHOCK FROM DROPING

INCOMPATIBILITY (MATERIALS TO AVOID):
NONE REASONABLY FORESEEABLE
SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
REMOVe ALL SOURCES OF IGNITION (FLAMES, HOT SURFACES AND ELECTRICAL, STATIC OR
FRICtIONAL SPARKS). AVOID BREATHING VAPORS. VENTILATE AREA.

WASTE DISPOSAL METHOD:
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
DO NOT INCINERATE: CLOSED CONTAINERS.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:
IN RESTRICTED VENTILATION AREAS USE NIOSH APPROVED CHEMICAL MECHANICAL FILTERS
DESIGNED TO REMOVE A COMBINATION OF PARTICULATES AND GAS AND VAPOR. IN CONFINED
AREAS USE NIOSH APPROVED AIR LINE TYPE RESPIRATORS OR HOODS.

VENTILATION:
ALL APPLICATION AREAS SHOULD BE VENTILATED IN ACCORDANCE WITH OSHA REGULATIONS
KEEP THE TLV OF HAZARDOUS INGREDIENTS BELOW ACCEPTABLE LIMIT.

PROTECTIVE GLOVES:
REQUIRED FOR PROLONGED OR REPEATED CONTACT

EYE PROTECTION:
USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

OTHER PROTECTIVE EQUIPMENT:
PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED CLOTHING. EYE WASH STATION
AND SAFETY SHOWERS SHOULD BE AVAILABLE.

HYGIENIC PRACTICES:
WASH HANDS BEFORE EATING OR USING THE WASHROOM, SMOKE IN SMOKING AREAS ONLY.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
DO NOT STORE ABOVE 100 DEGREES FAHRENHEIT. STORE LARGE QUANTITIES IN BLDGS
DESIGNED FOR STORAGE OF NFPA CLASS FLAMMABLE LIQUIDS.

OTHER PRECAUTIONS:
DO NOT TAKE INTERNALLY. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID
FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES. EMTPTED CONTAINERS MAY RETAIN
HAZARDOUS PROPERTIES. DO NOT CUT, PUNCTURE OR WELD ON NEAR CONTAINER.
The data set forth in this sheet are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. COATINGS AND CHEMICALS CORP. makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereof.

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COATINGS AND CHEMICALS CORP.

DATE OF REVISION:
January 15, 1987

PREPARED BY:  

KANTI GANDHI
Technical Director
FOR
HOME
OR
AUTO
REPAIRS
ALL
LEATHER
OR
VINYL

CAUTION:

INSTRUCTIONS

This product is designed for the repair of vinyl and leather damages. Use it by following the instructions on the label.

DIRECTIONS

1. Shake the can vigorously for 15 seconds before use.
2. Apply a thin, even layer of the adhesive to the damaged area.
3. Allow the adhesive to dry for approximately 15 minutes.
4. Peel off the backing paper and press the repaired area firmly in place.

CAUTION:

- Do not use on items that are not easily repairable.
- Avoid contact with eyes and skin.
- Keep out of reach of children.

CONTENTS:

1.5 OZ. TUBE

MADE IN USA

VICTOR AUTOMOTIVE PRODUCTS, INC., CHICAGO, IL 60641

VICTOR

Vinyl Adhesive

PSC EXHIBIT 13 DATE 5-23-88

FORM VICTOR AUTOMOTIVE PRODUCTS, INC

CHICAGO, IL 60641

NAME

RBJ
<table>
<thead>
<tr>
<th>11 x 14</th>
<th>8 x 10</th>
<th>8 x 8</th>
<th>5 x 7</th>
<th>3 x 5</th>
<th>(3%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
</tr>
</tbody>
</table>

Please do not cut film into single frame.

126 Reorder Form
April 17, 1980

Mr. John Groverman
Victor Automotive Products, Inc.
301 E. Holf Road
Oshkosh, WI 54901

Dear Mr. Groverman:

This letter is in regard to our telephone conversation of April 6, 1980.

If you recall, the Department contacted you because a child in Oshkosh ingested a quantity of Lock Heat and was admitted to the hospital for poisoning. Samples of Lock Heat were tested and examined by the Department and you were informed of the violations of State and Federal Product Safety Laws by letter on March 4, 1980. The letter also requested you advise us of your plans to correct the violations.

During our telephone conversation on this matter, you informed us that the Department can discontinue our efforts regarding the labeling and packaging of Lock Heat. This is because you will no longer package and/or market ore product the way it was in favor of an aerosol container. Let me caution you, even if in an aerosol container, the labeling requirements outlined in our March 4, 1980, letter still apply.

If the above is not a correct summary and understanding of our conversation please inform us.

Sincerely,

Douglas E. Augustine
Investigator
CONSUMER PROTECTION BUREAU

[Signature]

U. S. Consumer Product Safety Commission
Central Region Office
300 W. Wacker Drive, Suite 2143
Chicago, IL 60606
**INSPECTION—INVESTIGATION COVERSHEET**

1. **AREA OFFICE**
   - FOCR

2. **OPERATION**
   - Insp. _____
   - Inv. XXX

3. **DATE**
   - 3-2-88

4. **REPORT NO.**
   - 880126600504

5. **ESTABLISHMENT NAME**
   - Victor Automotive Products, Inc.

6. **FIRM IDENTIFICATION NO.**

7. **ESTABLISHMENT ADDRESS**
   - Chicago, IL

8. **RELATED FIRMS**

9. **PRODUCTS INSPECTED**
   - Automotive Chemicals
   - Lock Heat

10. **OTHER REGULATED PRODUCTS**

11. **ESTAB. TYPE**
    - 12 ANN. SALES
    - a. PRODUCTS INSPECTED
      - $ _______
      - Units _______
    - b. OTHER REG. PRODS.
      - $ _______
      - Units _______
    - c. TOTAL (Inc. non-reg.)
      - $ _______

13. **I.S. BUSINESS**
    - Rec. _____ %
    - Sold _____ %

14. **SAMPLES COLLECTED**

15. **PROJECT**

16. **HOURS**

17. **REASON FOR INSPECT/INVEST.**
   - DOC. REF.

18. **EMPLOYEE'S NAME**

19. **TITLE**
   - SPSI

20. **SIGNATURE**
   - James A. Miersch

21. **ENDORSEMENT**
    
    HAC recommendation:
    This investigation involved a three year old child that ingested some Lock Heat. The hospital analysis indicated that there may have been methyl alcohol in the product. The firm claims only that there is isopropyl alcohol in the product. Schedule this firm for inspection.

22. **ENDORSER'S NAME**
   - James A. Miersch

23. **TITLE**
   - SPSI

24. **SIGNATURE**
   - James A. Miersch

25. **ENDORSEMENT DATE**
   - 3-2-88

26. **DISTRIBUTION**
   - O=EPDS cc=FOCR cc=file
6. SYNOPSIS OF ACCIDENT OR COMPLAINT: A 3 year old was poisoned after drinking an automotive lock de-icer. The product was analyzed as containing methyl alcohol, isopropyl alcohol and ethylene glycol. The container did not have a CRC. The child was admitted to a hospital, treated and released the next day.

7. LOCATION (Home, school, etc.): Automobile

8. CITY: Green Bay

9. STATE: WI

10A. FIRST PRODUCT: Automotive Chem. 0 9 5 5

11A. TRADE/BRAND NAME, MODEL NUMBER, MANUFACTURER & ADDRESS: Victor Automotive Prod, Inc. 3512 N. Kostner Avenue Chicago, IL 60641

10B. SECOND PRODUCT: 0 0 0 0

11A. TRADE/BRAND NAME, MODEL NUMBER, MANUFACTURER & ADDRESS: Lock-Heat

12. AGE OF VICTIM: 0 0 3

13. SEX (Use numerical code): MALE - 1 FEMALE - 2 UNKNOWN - 3

14. DISPOSITION: Admitted - 2

15. INJURY DIAGNOSIS: Ingested - 4 1

16. BODY PART: 0 0

17. RESPONDENT(S) (Mother, Friend): Mother - 2

18. TYPE INVESTIGATION: ON SITE - 1 TELEPHONE - 2 OTHER - 3

19. TIME SPENT: 1 1 0

20. ATTACHMENTS: Multi - 9

21. CASE SOURCE: Newspaper 0 5

22. REVIEWED BY: YR MO DAY: 8 3 1 1 8 8 0 2 1 8

23. PERMISSION TO DISCLOSE NAMES: 

24. NARRATIVE (See Instructions on Other Side): 

ATTACHED

(USE OTHER SIDE AND ADDITIONAL SHEETS IF NECESSARY)
U.S. CONSUMER PRODUCT SAFETY COMMISSION

AUTHORIZATION FOR RELEASE OF NAME

Thank you for assisting us in collecting information on a potential product safety problem. The Consumer Product Safety Commission depends on concerned people to share product safety information with us. We maintain a record of this information, and use it to assist us in identifying and resolving product safety problems.

We routinely forward this information to manufacturers and private labelers to inform them of the involvement of their product in an accident situation. We also give the information to others requesting information about specific products. Manufacturers need the individual's name so that they can obtain additional information on the product or accident situation.

Would you please indicate on the bottom of this page whether you will allow us to disclose your name. If you request that your name remain confidential, we will of course, honor that request. After you have indicated your preference, please sign your name and date the document on the lines provided.

[ ] You are hereby authorized to disclose my name and address with the information collected on this case.

[ ] My identity is to remain confidential.

(Signature) 1-30-88

(Date)
DESCRIPTION OF INCIDENT

This incident report is a follow-up to a telephone contact made to the complainant as a result of a newspaper article published in the Letters to the Editor section of the Green Bay Press Gazette on January 19, 1988. The appeal was sent to the newspaper by the complainant (copy attached). The complainant is a housewife and mother of 5 children. The children are: 6 years old, 4 years old (twins), 3 years old, and a 2 year old. All 5 children are described as normal and/or in normal health. The 3 and 4 year olds were involved in the accident.

The product called Lock-Heat was purchased from a Super America station located on West Mason Street in Green Bay on January 4, 1988. She believes she paid .99 for the product. It is an automobile lock de-icer in a flip-top, 2 oz., squirt bottle. This product was available in the convenience store and was purchased as a lock de-icer needed for the locking gas cap on the complainant's Dodge Van. A small amount was used that day and the container was stored in the glove compartment.

On January 8, 1988, the complainant went to pick up her 6 year old from school, using the van. The rest of the children were taken along. The child was to get out of school at 2:45 P.M. At 2:58 P.M., the child had not yet left the building with the rest of the school children and she went to check if something was wrong. Before leaving the other children, they were instructed to stay in their car seat belts. She only had to walk to the building when the 6 year old was walking out. When she got back in the van in 2 or 3 minutes, she could smell alcohol. The 3 year old was holding the bottle of the lock de-icer with the cap off and half of the contents were gone. She asked if they had drank any and they all answered, "no mama we spit it out, it tasted icky."

About an hour later, the 3 year old began to get drowsy and pale. Her lips were blood tinged. She contacted the poison control center and was advised to give the children syrup of Ipecac. The 3 year old's emesis smelled of alcohol. The poison center advised the child be admitted to a hospital. She was started on an I.V., given activated charcoal, and hooked-up to monitoring equipment overnight. She was examined in the morning and released.

The hospital analyzed the product and found it to contain methyl alcohol, isopropyl alcohol, and ethylene glycol.

THE PRODUCT

The hospital had disposed of the container and product complainant had brought with her when the child was admitted. A second container was purchased from Super America located on Walnut Street, Green Bay, WI., for $1.49. Complainant identified the container and package as identical to the product she had purchased and the child had ingested.
The product is a 2 oz. bottle of Victor Lock-Heat. Product packaging claims it unfreezes frozen locks of all types: doors, trunks, motorcycle wheel locks, outdoor sheds, and mobile home locks. The package contains a product code as V-503 and the company's name and address as: Victor Automotive Products, Inc., Chicago, IL 60618. (photocopy attached)

The container is not equipped with a child resistant closure. The cap has a flip-up nozzle to squirt the contents into a lock or can be unscrewed from the container. (photographs attached)

The label contains: the product's name as Lock-Heat; its net contents as 2 fluid ozs.; company's name and address as Victor Automotive Products, Inc., Chicago, IL 60641. The label contains the following statements printed horizontally:

"DANGER: HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE."

"Contains Petroleum Distillate. Do not use near heat or flame. If swallowed, do not induce vomiting. Call physician immediately. Keep out of the reach of children." (photo copy attached)

Victor Automotive Products was contacted by telephone by Investigator Augustine, WDATCP, on January 27, 1988. He spoke with Barb Ciesla (312-736-8655).

Ciesla stated the product is 99% isopropyl alcohol with a 2.5 flash point as reported to them by the products manufacturer. Victor packages the product. It is produced by Coatings and Chemicals, Chicago, IL. Coatings product code number 42205A and named Lock-Thaw.

ATTACHMENTS

1. Newspaper article
2. Product package (photocopy)
3. Product label (photocopy)
4. Photograph of product
5. Information release form
6. Complainant statement
7. Product report of ingredients
Substances are dangerous

With winter here, everyone has gas line anti-freeze and/or lock heat in their cars. It only takes a moment for a child to swallow a small amount of this product (even at the gas station while you're pumping gas) and these products are highly toxic even in small quantities. They could cause death or cardiac arrest, respiratory arrest, seizures or even blindness. Effects could last 72 hours. So please keep these products locked in the trunk (the glove box isn't even safe) and if accidental poisoning occurs, call the Green Bay Poison Center (414) 435-8100. Because of St. Vincent's emergency room and the poison center, we still have our little girl.

Betty Costea
302 Oak St.

GREEN BAY PRESS GAZETTE
PRODUCT PACKAGE
Picture of "Lock-Heat" purchased from Super America in Green Bay

Picture of "Lock-Heat" with cap's flip-up dispenser opened.
Mr. Doug Augustine
W.D.A.T.C.P.
Consumer protection bureau
220 N. Jefferson st.
Green Bay, Wi. 54301
(414)436-4222

Mrs. Betty Costea
302 Oak St.
Green Bay, Wi. 54303
(414)499-6340

Dear Mr. Augustine,

January 21, 1988

Here is the letter you requested regarding the ingestion of
the "lock heat" by my 4 year old daughter.

On January 4, 1988 I purchased a bottle of "lock heat" from
Super America on Mason st. in green Bay. I used a very small amount on
my locking gas cap, because it was frozen. I then put the bottle in my
glove box (under some papers and a flashlight) and I left it there.
On Friday January 8, 1988 at 2:35 pm I went to pick up my 6 year old son
up at school (he gets out at 2:45pm) we sat and waited until 2:58 when
I told my 3 girls and 1 boy (MaryPat age 3, Hannah age 4, Kate age 4 and
Jacob age 2) to stay in their seat belts (Jacob was in a child seat)
so I could go see were Erik was. As I got to the door of school
Erik was coming out, we went straight to the van, as I got in I smelled the
alcohol. My 3 year old was standing there holding the bottle in
one hand and the cap in the other, I asked them if they drank any and
they all said "no mama we spit it out it tasted icky" I noticed half
the bottle was gone then I also noticed some was on the bottle (because
the ink was smudged and was on my 3 year olds hands) so I thought they
did actually spit it all out, so I went on to the store and then I met
my husband at the repair shop and told him what had happened and he asked
if I had called the doctor or the poison center, I said no because they
said they had spit it out. We went right home and called the poison center
at 4:00 pm. By this time you could tell Kate had swallowed some, her
lips were blood tinge and she was real drowsy also very pale. The poison
center said to give all 3 syrup of ipecac, so I did. They then asked
their routine questions and said they would call back in about 30 minutes.
All the girls started vomiting (in separate containers so emesis could be
looked at) and Kates smelled of alcohol. The poison center called back
and asked me where I had purchased it and when because they had two formulas
for "lock heat", they then called the gas station to see if they had more.
Which they did not, so I was advised to go directly to the emergency room
at St. Vincent Hospital. We got to the hospital and Kate was extremely drowsy
They started doing lab work right away, the e.r. doctor called in a ped
iatrician and he had them start an IV and give her activated charcoal
every 6 hours, they also had her hooked up to a heart monitor, resp.
monitor, and one to measure oxegyn being released through the skin. At this
time the doctor told me the contents of the product she ate were the following... methyl alcohol, isopropyl alcohol and ethylene glycol. Throughout the entire night she had to have blood drawn to keep a close watch on what was going on chemically. On Saturday morning the doctor came in and told me that if she would have gotten anymore in her system she would not be here, he also explained to me that the side effects from this chemical could happen up to 72 hours after ingestion. The side effects he spoke of are BLINDNESS, CARDIAC ARREST, RESPRITORY ARREST, SEIZURES, or in extreme cases DEATH.

Mrs. Betty Costea
302 Oak St.
Green Bay, Wi. 54303
(414)499-6040

Mrs. Betty Costea
MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME: COATINGS & CHEMICALS CORP. 3067 N ELSTON AVENUE CHICAGO, ILLINOIS 60618

DATE OF PREPARATION: 01-19-1987

EMERGENCY TELEPHONE NO.: (312) 588-7721
INFORMATION TELEPHONE NO.: (312) 657-1137 NIGHT

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER: 42205A
PRODUCT NAME: 42205A-NEW LOCK THAW COMPOUND
PRODUCT CLASS: SPECIAL SOLVENT BLEND

SECTION II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NUMBER</th>
<th>WEIGHT PERCENT</th>
<th>OCCUPATIONAL EXPOSURE LIMITS</th>
<th>VAPOR PRESSURE mm Hg @ TEMP</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISOPROPYL ALCOHOL 99%</td>
<td></td>
<td>50</td>
<td>400</td>
<td>33.0 20C</td>
</tr>
</tbody>
</table>

SECTION III - PHYSICAL DATA

BOILING RANGE: 150 - 212 VAPOR DENSITY: LIGHTER THAN AIR
EVAPORATION RATE: SLOWER THAN ETHER % VOLATILE VOLUME: 100.00 WT/GAL: 7.33
SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: Flammable liquid - Class IB

FLASH POINT: 100°C

LEL: 2.0

EXTINCTION MEDIA: FOAM, CO2, dry chemical.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

GAS OR VAPOR - QUICKLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENTS AND CONTAINMENT. ALLIED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. CORROSION TO METAL SURFACES REQUIRES SPECIAL PRECAUTIONS.

SPECIAL FIREFIGHTING PROCEDURES:

WATER MAY BE USED ON COOL COLD CONTAINERS TO PREVENT PRESSURE BUILD-UP AND AUTOMATIC EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

INHALATION: IRRITATION OF RESPIRATORY TRACT OR ACCUTE NERVOUS SYSTEM DEPRESSION OR ACUTE INHABILITATION BY HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA.

MEDICAL CONDITIONS PRONE TO AGgravATION BY EXPOSURE:

ALLERGIC, CONGENITAL WHICH HAVE BECOME WORSE DURING EXPOSURE

PRIMARY ROUTE(S) OF ENTRY: INHALATION

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: INHALATION. FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER.

INHABIT: REMOVE TO FRESH AIR. RESTORE BREATHING.

SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. DO NOT DRINK 2 OR 2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE ADVANCE.

SECTION VI - REACTIVITY DATA

STABILITY: EXCIT.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

FLUSH PRODUCTION MAY CONTAIN CARBON MONOXIDE AND OXIDES OF NITROGEN.

CONDITIONS TO AVOID:

HIGHER TEMPERATURES, EXPOSURE TO HUMIDITY

INCOMPATIBILITY (MATERIALS TO AVOID):

NONE REACTIONS FORESEEABLE.
SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
REMOVE ALL SOURCES OF IGNITION (FLAMES, HOT SURFACES AND ELECTRICAL, STATIC OR FRICTIONAL SPARKS). AVOID BREATHING VAPORS. VENTILATE AREA.

WASTE DISPOSAL METHOD:
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
DO NOT INCINERATE CLOSED CONTAINERS.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:
IN RESTRICTED VENTILATION AREAS USE NIOSH APPROVED CHEMICAL MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICULATES AND GAS AND VAPOR. IN CONFINED AREAS USE NIOSH APPROVED AIR LINE TYPE RESPIRATORS OR HOODS.

VENTILATION:
ALL APPLICATION AREAS SHOULD BE VENTILATED IN ACCORDANCE WITH OSHA REGULATIONS KEEP THE TLY OF HAZARDOUS INGREDIENTS BELOW ACCEPTABLE LIMIT.

PROTECTIVE GLOVES:
REQUIRED FOR PROLONGED OR REPEATED CONTACT

EYE PROTECTION:
USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

OTHER PROTECTIVE EQUIPMENT:
PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED CLOTHING. EYE WASH STATION AND SAFETY SHOWERS SHOULD BE AVAILABLE.

HYGIENIC PRACTICES:
WASH HANDS BEFORE EATING OR USING THE WASHROOM, SMOKE IN SMOKING AREAS ONLY.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
DO NOT STORE ABOVE 100 DEGREES FAHRENHEIT. STORE LARGE QUANTITIES IN BLDGS DESIGNED FOR STORAGE OF NFPA CLASS FLAMMABLE LIQUIDS.

OTHER PRECAUTIONS:
DO NOT TAKE INTERNALLY. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES. EmPTIED CONTAINERS MAY RETAIN HAZARDOUS PROPERTIES. DO NOT CUT, PUNCTURE OR WELD ON NEAR CONTAINER.
The data set forth in this sheet are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. COATINGS AND CHEMICALS CORP. makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereof.

COATINGS AND CHEMICALS CORP. warrants only that its products conform with their published specifications, and no other express warranty is made with regard thereto. We do not guarantee favorable results and we assume no liability in connection with the use of the products. They are intended for use by persons having technical skill and knowledge, at their own discretion and risk.

COATINGS AND CHEMICALS CORP.

DATE OF REVISION:
January 15, 1987

PREPARED BY:

KANTI GANDHI
Technical Director
CONSUMER PRODUCT INCIDENT REPORT

1. Name of Respondent  
   Mrs. Betty Costea

2. Telephone No. (Home)  
   414-499-6040 (Work)  

3. Street Address  
   302 Oak Street

4. City, State, Zip Code  
   Green Bay, WI  54303

5. Give details of accident, injury, or illness. Describe how incident occurred. (Use reverse side if necessary.)
   Respondent states she purchased a small bottle of lock anti-freeze for her automobile gasoline cap. After using it she placed the remainder of the bottle in the glove compartment. A couple of days later she had to let the children alone in the vehicle for just a few minutes and they got to the container. Apparently, her 3 year old removed the cap and drank some of the contents. The child showed signs of poisoning and was admitted to the hospital overnight for treatment. The hospital tested the product and found it to contain methyl alcohol, isopropyl alcohol and ethylene glycol. The bottle did not have a child resistant cap.

6. If Injury or illness:  
   Victim's Name  
   Kate Costea  
   Relationship  
   daughter

   Age 3  Sex F  Date 1/8/88  Type Injury poison

   Body Part Involved n/a  Treatment admitted to hospital

7. Description of Product  
   Anti-freeze

8. Was the product:  
   Damaged before incident? Yes ☐ No ☒  
   Repaired before incident? Yes ☐ No ☒  
   Repaired after Incident? Yes ☐ No ☒

9. Brand Name  
   Lock-Heat

10. Identifying Numbers, Letters, etc.  
    unknown

11. Manufacturer's Name and Address  
    Victor Automotive Products, Inc.  
    3512 N. Kostner Avenue  
    Chicago, IL 60641

12. Dealer's Name and Address  
    Super America Station  
    Div. Ashland Oil Company  
    952 W. Mason Street  
    Green Bay, WI 54303

13. How product acquired?  
   Purchased New ☒  Second Hand ☐ Other ☐

14. Age of Product 3 days

15. Is product available for inspection?  
   Yes ☐ No ☒ Other ☐

16. Does product have warning labels or instructions?  
   Yes ☐ No ☒ Are they available? Yes ☐ No ☒

17. Have you contacted the manufacturer?  
   Yes ☐ No ☒  If not, do you plan to contact them?  
   Yes ☐ No ☒

18. Do you object to the use of your name?  
   Yes ☐ No ☒

FOR ADMINISTRATIVE USE ONLY

19. Receiving Office  
   WDATCP-GB

20. Date Received  
   1/20/88

21. Received by  
   Douglas Augustine

22. Reporting Office  
   MVRO

23. Source of Report  
   Letter ☐ Phone ☐ Visit ☐ Other ☒ Newspaper

   8810298

25. Follow-Up Action  
   Conduct INI # 880126CEN0504

26. Product Code(s)  
   A. 0966  
   B.  

27. Distribution  
   ☒ FOC, DEPOS, file  
   ☐  

28. Distribution  

29. Endorser's Name/Title  
   James E. Krueck  
   Acting As Director

COPY 1 FILE