

MOD 1 to CPSC-I-11-0008
ATTACHMENT

I. INTRODUCTION

The U.S. Consumer Product Safety Commission (CPSC) and the National Library of Medicine (NLM) hereby agree to work collaboratively to provide public information on the presence of nanomaterials in consumer products and other relevant information in databases provided by the NLM and the Woodrow Wilson Center (WWC).

II. TITLE

Public Database Enhancement for Consumer Products Containing Nanomaterials

III. BACKGROUND

The CPSC is charged with protecting the public from unreasonable risks of injury or death from thousands of types of consumer products under the agency's jurisdiction. The CPSC is committed to protecting consumers and families from products that pose a fire, electrical, chemical, or mechanical hazard or can injure children. The CPSC's work to ensure the safety of consumer products - such as toys, cribs, power tools, cigarette lighters, and household chemicals - contributed significantly to the 30 percent decline in the rate of deaths and injuries associated with consumer products over the past 30 years.

The responsible development of nanotechnology has become a national priority for the United States. The National Nanotechnology Initiative (NNI) is a federal research and development program established to coordinate the multiagency efforts in nanoscale science, engineering, and technology. The NNI, through the National Nanotechnology Coordinating Office (NNCO), has supported communication and collaboration among relevant federal agencies including CPSC in the responsible development and regulation of nanotechnology and has encouraged the federal agencies with regulatory responsibility to be vigilant and proactive in their efforts regarding nanotechnology and its applications.

CPSC is the agency that has the responsibility to protect humans from potential health hazards that could result from the reasonably foreseeable use of consumer products. An important part of this mission is to provide relevant information to consumers to facilitate informed decisions regarding product use.

The NLM is the world's largest medical library, and collects materials and provides information and research services in all areas of biomedicine and health care. For about the past decade, the NLM's Specialized Information Services division (SIS) has offered free global 24/7 online access to the Household Products Database (HPD), a one-of-its-kind resource widely used by consumers and others to gain access to the substances used in consumer products.

The WWC Project on Emerging Nanotechnologies (PEN) has widespread exposure in industry, government, and with the general public. The mission is “to help ensure that as nanotechnologies advance, possible risks are minimized, public and consumer engagement remains strong, and the potential benefits of these new technologies are realized.” Researchers, government, industry, NGOs, policymakers, and others collaborate on this project to provide independent, objective knowledge and analysis that can inform critical decisions affecting the development and commercialization of nanotechnologies.

Since 2008, PEN’s Consumer Products Inventory (CPI) has compiled information online about more than a thousand consumer products containing nanoscale materials. More than 40 publications have cited the CPI and there have been more than 2 million unique pageviews of the inventory since 2008. In addition, there were nearly 200,000 unique pageviews of our medical products inventory, despite not being updated since 2006. One of the shortfalls of the inventory has always been our inability to verify the products found in the inventory beyond information provided by the manufacturer. The overall benefit of the inventory for both consumers and regulatory agencies would be improved with the ability to provide more detailed environmental health and safety data about products and independently verify product contents. In 2011 PEN and the Woodrow Wilson International Center for Scholars began a partnership with Virginia Tech University (VT) to update the CPI to incorporate more detailed research on products found within the inventory. A specific goal of this project is to scientifically assess and quantify the potential human health and environmental risks associated with nanomaterials.

In 2011, the CPSC and NLM signed an MOU to begin collaborative on providing access to much needed consumer information regarding nanotechnology. The partnership will support the CPSC mission to protect the public and the Commission’s Open Government initiative of Collaboration. This collaboration also supports the NLM mission to assist in the advancement of medical and related sciences by collecting, disseminating and exchanging information important to the progress of medicine and health. This modification will allow the sharing of resources between the CPSC, NLM and the WWC to meet the identified objectives.

IV. OBJECTIVES

The objectives of this collaboration are for NLM to work together with CPSC to: (1) develop Web content that allows consumers and businesses to access nanotechnology information; (2) identify areas of data enhancement regarding consumer products containing nanomaterials; (3) seek to have NLM include nanomaterial-containing products in existing product categories in the Household Products Database (HPD) and possibly add new categories of products (e.g., sports equipment and clothing) to the HPD; (4) collaborate with the WWC to enhance and establish links with their Nanotechnology Consumer Products Inventory.

The NLM, through the WWC will use graduate students from VA Tech and other universities to provide toxicity summaries (backgrounders) for specific nanomaterials. They will also provide a synopsis of relevant toxicity articles. These backgrounders are to be written for ease of understanding by the public, and will be posted on the NLM nanotechnology site. The site will contain information on nanomaterials, nanotoxicology and the use of nanomaterials in products.

The NLM and WWC have established mechanisms to voluntarily obtain information on products, and to provide information to consumers, and this agreement will allow CPSC to support this mechanism. The need for public education is outline in CPSA 15 USC 2051, and encourages CPSC to provide information to assist the consumer in evaluating the comparative safety of products. Given the complexities of nanotechnology and the products containing nanomaterials, CPSC will collaborate and leverage the resources of its federal partners to achieve these objectives. The CPSC will not be providing any information to the NLM for this database. All information on the use of nanomaterials in products will be obtained by the NLM, and CPSC staff cannot guarantee the accuracy of the information.

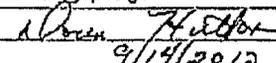
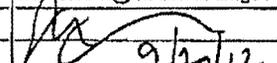
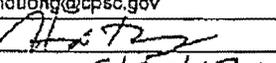
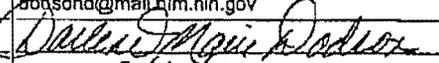
V. ROLES AND RESPONSIBILITIES

The NLM through a partnership with the WWC will:

1. Conduct evaluations of existing information on the effects of nanomaterials and provide a series of summaries that are written for the average consumers, and post this information on the NLM website.
 - a. The information will be developed and posted in consultation with the CPSC staff.
2. Obtain information on the use of nanomaterials in specific consumer products and post this information on the NLM website.
3. Collaborate with the CPSC staff to identify other information that could be provided to educate consumers.

United States Government
Interagency Agreement (IAA) – Agreement Between Federal Agencies
Order Requirements and Funding Information (Order) Section

IAA Number XL M 12017 - 001 - 00000 Servicing Agency's Agreement
 OT&C # Order # Amendment/Mod # Tracking Number (Optional) _____

35. Funding Clauses/Instructions (Optional) (State and/or list funding clauses/instructions.)		
36. Delivery/Shipping Information for Products (Optional)		
Agency Name	US Consumer Product Safety Commission	
Point of Contact (POC) Name & Title	Treye Thomas, PH.D., Leader, Chemical Hazards Program	
POC Email Address	tthomas@cpsc.gov	
Delivery Address /Room Number	4330 East West Highway, Bethesda, MD 20814-4408	
POC Telephone Number	(301) 504-7738	
Special Shipping Information		
APPROVALS AND CONTACT INFORMATION		
37. PROGRAM OFFICIALS		
The Program Officials, as identified by the Requesting Agency and Servicing Agency, must ensure that the scope of work is properly defined and can be fulfilled for this Order. The Program Official may or may not be the Contracting Officer depending on each agency's IAA business process.		
	Requesting Agency	Servicing Agency
Name	Donna Hutton	Todd Danielson
Title	Contracting Officer, Div. of Procure. Serv. C	Associate Director for Admn. Mgmt., NLM
Telephone Number	(301) 504-7009	(301) 486-6491
Fax Number	(301) 504-0628	(301) 480-4971
Email Address	dhutton@cpsc.gov	Danielson@mail.nlm.nih.gov
SIGNATURE		
Date Signed	9/14/2012	9/20/12
38. FUNDING OFFICIALS - The Funds Approving Officials, as identified by the Requesting Agency and Servicing Agency, certify that the funds are accurately cited and can be properly accounted for per the purposes set forth in the Order. The Requesting Agency Funding Official signs to obligate funds. The Servicing Agency Funding Official signs to start the work, and to bill, collect, and properly account for funds from the Requesting Agency, in accordance with the agreement.		
	Requesting Agency	Servicing Agency
Name	Hal Duong	Darlene Dodson
Title	Budget Officer	Budget Officer, NLM
Telephone Number	(301) 504-7575	(301) 486-6656
Fax Number		(301) 480-4971
Email Address	hduong@cpsc.gov	dodsond@mail.nlm.nih.gov
SIGNATURE		
Date Signed	9/20/12	9/20/2012

