

# BEST PRACTICES FOR THE LOCATION INDICATOR

Version: 2023-07-20

## BACKGROUND

A need has been identified to implement location-based information into the HPD in order to evaluate Social Equity concerns. The goal is to capture where the products are manufactured and where the substances and materials used as ingredients are made, extracted, farmed, refined, etc. This data can then be used, by the product manufacturer or an HPD user, to identify potential social equity concerns by cross-referencing those locations with databases containing information concerning human rights abuses, environmental justice, and other social equity issues.

The location indicator will be optional for all levels of product structure: product, part, material, and substance. The location indicator consists of three data fields:

- o Location
- o Country
- o Process Stage

Using the Online Maps API, a user can provide the product manufacturing location and locate the sources of materials or substances used in the product.

This information will be volunteered by the HPD participant while concerns about the confidentiality of proprietary information are addressed; the specific location can be undisclosed with only the country publicly shown.

## USE OF THIS GUIDANCE IS OPTIONAL

This feature is optional for manufacturers who want to publish a complete HPD. However, it is anticipated that HPD users will use this function to evaluate the ethics involved in the production of these materials.

## GLOSSARY

**API:** Application Programming Interface.

**Country:** The country of origin for listed materials or substances and/or company headquarters, selected from a pull-down menu.

**Location:** The Latitude and Longitude coordinate acquired through the Google API implemented into the HPD builder.

**Process Stage:** The type of production process present at the source location, selected from a pull-down menu.

**Tier 1 Suppliers:** Partners that supply substances or materials that are used directly by the manufacturer. This would not include a distributor, but whoever last made/processed/etc. the substance or material used as an ingredient in the product.

**Tier 2 Suppliers:** Suppliers where your Tier 1 Supplier gets its substances or materials.



## SCOPE

The scope of this feature is for all products that have an HPD. A product, part, material, or substance can come from multiple locations. Also, products, parts, materials, and substances can have multiple steps that occur at different locations (e.g., a mineral is mined at Location 1 but refined at Location 2). Multiple locations can be listed for the product, parts, materials, and substances. For this feature Tier 1 Suppliers are the focus for disclosure, but other levels can be disclosed.

Reference the [current version of the HPD Open Standard](#) for complete guidance on the scope of an HPD.

## REPORTING OF DATA

The following mockups and text provide a representation of where the Product Type Field will appear on the HPD and how the Product Type Field will be filled out in the HPD Builder.

HPD Data Field	Location Indicator Requirements
<b>SECTION 1: SUMMARY</b>	
No changes to requirements.	
<b>SECTION 2: CONTENT IN DESCENDING ORDER OF QUANTITY</b>	
<b>Nested Materials</b> – instructions apply only to the Nested Materials Inventory format	
Material Name (top level in Nested inventory)	No changes to requirements.
Residuals and Impurities Notes	No changes to requirements.
<b>Content</b> – instructions apply to both Nested Materials and Basic Inventory formats. Fields unique to this Location Indicator are marked below with a double asterisk**. This mockup shows the 4 different results of the following instructions:	

Product Level:

<b>SHOWER HEAD PIPING</b>		%: 50.0000 - 60.0000	
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Metal	
RESIDUALS AND IMPURITIES NOTES: No residual and impurities discovered from the evaluation.			
OTHER MATERIAL NOTES:			
LOCATIONS:			
Country	Location	Process Stage	Status
United States	-91.5063 / 44.8115	Manufacturing	All information disclosed.

Substance/Material/Polymer Level:

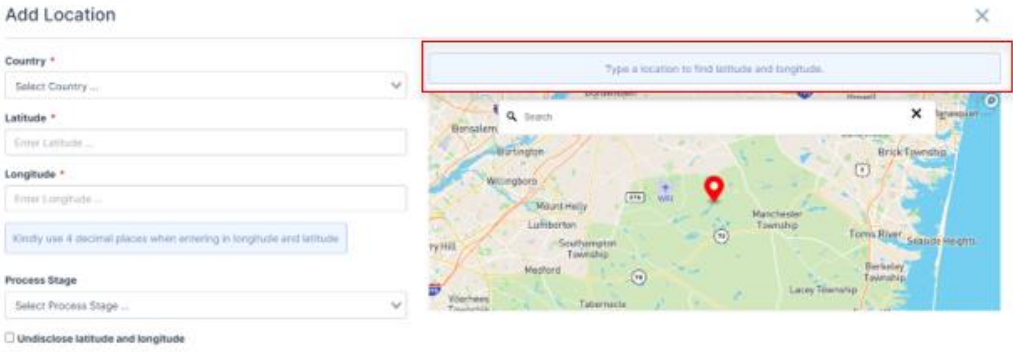
<b>CARBON BLACK</b>		ID: 1333-86-4	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-09-05 6:27:17	
%: 1.0000 - 2.0000	GreenScreen: BM-1	RC: None	NANO: No
		SUBSTANCE ROLE: Dye	
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen**	
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**	
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route**	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
CHEMICAL HAZARD ASSESSMENT	CHEMFORWARD	HAZARD BAND: <b>F</b>	
None found		No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: **Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.			
LOCATIONS:			
Country	Location	Process Stage	Status
United States	-91.4961 / 44.7978	Extraction	All information disclosed.
Canada	-79.6218 / 43.6794	Extraction	All information disclosed.

Location Undisclosed:

STAINLESS STEEL SHOWER HEAD PIPING		ID: S30451	
HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>			
%: <b>70.0000 - 80.0000</b>	GreenScreen: <b>See notes</b>	RC: <b>None</b>	NANO: <b>No</b> MATERIAL ROLE: <b>Structure component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
Hazard Screening is not applicable to this Special Condition			
METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [ <a href="#">S30451</a> ]			
METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.			
GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: max 40% Nickel [7440-02-0; LT-1]; max 1.0% Cobalt [7440-48-4; LT-1]; max 1.0%			
LISTING NOTES:			
MATERIAL CONTENT NOTES: Type 304 or Type 316 Stainless Steel. This substance is considered essentially inert for the purposes of Pharos toxics scoring (Pharos CML).			
Max 30% Chromium [7440-47-3; LT-P1]; max 15% Manganese [7439-96-5; LT-P1]; max 5.0% Molybdenum [7439-98-7; LT-UNK]; max 5.0% Copper [7440-50-8; LT-UNK]; max 3.0% Silicon [7440-21-3; LT-UNK]; max 1.0% Aluminum [7429-90-5; LT-P1]; Titanium [7440-32-6; LT-UNK].			
LOCATIONS:			
Country	Location	Process Stage	Status
China	Undisclosed	Extraction	Location Undisclosed

Process Stage Undisclosed:

TITANIUM		ID: 7440-32-6	
HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2023-09-05 6:27:18</b>	
%: <b>20.0000 - 30.0000</b>	GreenScreen: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b> SUBSTANCE ROLE: <b>Structure component</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
PHY	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable solids - Category 1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
CHEMICAL HAZARD ASSESSMENT	CHEMFORWARD	HAZARD BAND: <b>?</b>	
None found		No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:			
LOCATIONS:			
Country	Location	Process Stage	Status
United States	-91.4961 / 44.7978		Process Stage Undisclosed.

Material / Substance Name	No changes to requirements.
ID (Identifier):	No changes to requirements.
Hazard Data Source	No changes to requirements.
GreenScreen	No changes to requirements.
Material Role	No changes to requirements.
Country**	<p>Required Entry if using Location Indicator - Find country of origin on dropdown menu.</p> <p>Note: If there are multiple countries, another line item will need to be made for each additional country.</p> <p>Note 2: If Location is entered, Country could be extrapolated and made present.</p>
Location**	<p>Required Entry if using Location Indicator – Find the location through the Online Maps API.</p> <ol style="list-style-type: none"> <li>1. Search the address in the text box in the HPD Builder.</li> <li>2. Latitude and Longitude will automatically be filled out.</li> <li>3. Enter the Country.</li> </ol>  <p>An option to keep the location “undisclosed” on the HPD.</p> <p>Note: All decimal places are captured and stored in the HPDC database but, only four (4) decimal places are listed on the HPD for Location.</p>



Process Stage**	Optional Entry – Find the process stage on the dropdown menu. Menu Options: <ul style="list-style-type: none"><li>• Extraction</li><li>• Farming</li><li>• Harvesting</li><li>• Manufacturing</li><li>• Mining</li><li>• Refining</li></ul>
Hazards and Agency(ies) with Warnings	No changes to requirements.
Additional Listings	No changes to requirements.
Material Notes	No changes to requirements.
<b>SECTION 3: CERTIFICATIONS AND COMPLIANCE</b>	
No changes to requirements.	
<b>SECTION 4: ACCESSORIES</b>	
No changes to requirements.	
<b>SECTION 5: GENERAL NOTES</b>	
No changes to requirements.	



**SECTION 6: REFERENCES**

Add in the company headquarters' Country and Location.

**MANUFACTURER INFORMATION**

MANUFACTURER: **HPD Collaborative**  
ADDRESS: **227 Mckinley Avenue**  
**Eau Claire Wisconsin 54701,**  
LOCATION: **United States**  
WEBSITE: **www.smallbusinessEHS.com**

CONTACT NAME: **Cory White**  
TITLE: **Lead Consultant**  
PHONE: **715-202-6700**  
EMAIL: **corywhite@smallbusinessEHS.com**  
LATITUDE: **-91.4961000**  
LONGITUDE: **44.7978000**

*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*