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*Effective Date: 12/14/10*

## **MATERIAL SAFETY DATA SHEET**

### **PRODUCT IDENTITY: HERCULINER™ PROTECTIVE COATING**

#### **1. SUPPLIER**

**OLD WORLD INDUSTRIES, INC.**  
**4065 COMMERCIAL AVENUE**  
**NORTHBROOK, ILLINOIS 60062**  
**PHONE: 847/559-2000**  
**EMERGENCY PHONE: 800/424-9300 or 703/527-3887 (CHEMTREC.)**

#### **2. INGREDIENTS**

<u>Hazardous Components</u>	<u>CAS No.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>STEL</u>	<u>% Max.</u>
Xylene	1330-20-7	100 ppm	100 ppm	200 ppm	29.4

**NOTE:** See Section 11 – Possible Reporting Criteria

#### **3. HAZARDS IDENTIFICATION**

##### *NFPA Hazard Rating System*

**Health: 0**      **Flammability: 3**      **Reactivity: 0**

KEY: 1 = Slight      2 = Moderate      3 = High      4 = Extreme

## **HEALTH HAZARD DATA**

### **Route(s) of Entry:**

Inhalation:	Moderate
Skin:	Low
Ingestion:	Low
Eyes:	Moderate

### **Health Hazards (Acute and Chronic):**

Ingestion:	Will cause severe distress in mouth and throat
Inhalation:	Vapors can cause respiratory irritation
Skin Contact:	May cause blistering on contact
Eye Contact:	Can cause blistering and severe pain

### **Carcinogenicity:**

NTP:	No
IARC Monographs:	No
OSHA Regulated:	No
ACGIH 1987-88:	No

### **Medical Conditions**

**Aggravated by Exposure:** None known

## **4. FIRST AID MEASURES**

**INGESTION:** Get medical attention immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove from contaminated area. Contact physician immediately.

**SKIN CONTACT:** Wipe with dry cloth or paper. Clean with solvent.

**EYE CONTACT:** Flush with large amounts of water as quickly as possible. Get medical attention quickly. Continue flushing until help arrives.

## **5. FIRE FIGHTING MEASURES**

### **FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used):	81°F (TCC)
Flammable Limits:	1.0
UEL:	7.0

**EXTINGUISHING MEDIA:** Foam, dry chemical, carbon dioxide

**SPECIAL FIRE FIGHTING PROCEDURES:** Vapors can form explosive mixtures with air. Vapors are heavier than air and will flow along surface to distant ignition sources and flash back.

**UNUSUAL FIRE FIGHTING HAZARD:** Keep away from heat, sources of ignition, oxidizers.

## **6. ACCIDENTAL RELEASE MEASURES**

### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Small Spills:	Absorb on suitable material (vermiculite, saw dust, sand). Sweep up.
Large Spills:	Contain spill; absorb on vermiculite or sand; shovel up and send to registered landfill.
Waste Disposal Method:	Contact local authorities for disposal rules.

## **7. HANDLING AND STORAGE**

Keep container closed when not in use. Clean up all spills promptly.

Keep out of the reach of children.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Respiratory Protection:</b>	Organic vapor filter suggested.
<b>Ventilation:</b>	Maintain air movement.
<b>Protective Gloves:</b>	Solvent and chemical resistant required.
<b>Eye Protection:</b>	Plastic eye protection REQUIRED.
<b>Other Protective Clothing or Equipment:</b>	Boots suggested.
<b>Work / Hygienic Practices:</b>	Wash Hands After Handling.
<b>Application:</b>	Follow instructions; do not overuse product. Follow label directions.

## **9. PHYSICAL PROPERTIES**

<b>Boiling Point, Initial:</b>	284° F
<b>Vapor Pressure (mm Hg):</b>	8 to 9 @ 25° C
<b>Vapor Density (Air = 1):</b>	3.0
<b>pH:</b>	N/A
<b>Solubility in Water:</b>	Forms solid gel
<b>Appearance and Odor:</b>	Pigmented liquid, hydrocarbon
<b>Specific Gravity (Water =1):</b>	1.06 or 0.865 Xylene only
<b>Melting Point:</b>	N/A
<b>Evaporation Rate (Butyl Acetate = 1):</b>	N/A
<b>Flash Point:</b>	81°F

## ***10. STABILITY AND REACTIVITY***

**Stability:** Stable

**Incompatibility (Materials to Avoid):** Strong oxidizing agents, water

**Hazardous Decomposition Products:** Carbon monoxide

**Hazardous Polymerization:** Will not occur

## ***11. TOXICOLOGICAL INFORMATION***

**Skin:** Unknown

**Ingestion:** Unknown

**Mutagenicity (The Effects On Genetic Material):** Unknown

**Significant Data With Possible Relevance To Humans:** Unknown

## ***12. ECOLOGICAL INFORMATION***

### ***ENVIRONMENTAL FATE***

**Movement & Partitioning:** Unknown

**Degradation & Transformation:** Unknown

**Ecotoxicology:** Unknown

## ***13. DISPOSAL CONSIDERATIONS***

**RCRA #:** Unknown

**EPA #:** Unknown

**RECYCLABLE:** Unknown

## ***14. TRANSPORT INFORMATION***

**DOT: (Highway &  
UPS Ground)**

**Label's Required:**

DOT Consumer Commodity Exemption (Part 172, 150)

*Outer Packaging:* "Consumer Commodity - ORM-D" and ISO orientation arrows.

*Pallets:* If "Consumer Commodity" on outer packaging is visible labeling not required. Otherwise label as "Consumer Commodity".

*Container/Trailer:* None required.

**IATA (Air):**

IATA Limited Quantity Exemption (Part 2.8)

**For Shipping of product 10 Liters and Under in one Package:**

Packing Instruction Y309 (No UN Packaging Required).

**Labels Required:**

Paint, Flammable Liquid, 3, ISO orientation arrows, shipper and consignee information, and the statement "LTD. QTY".

**For Shipping of product over 10 Liters in one Package:**

Packing Instruction 309 or 310 dependent aircraft type (UN Packaging Required).

**Labels Required:**

Paint, Flammable Liquid, 3, ISO orientation arrows (cargo only aircraft label if applicable), shipper and consignee information.

**IMDG (Ocean):**

IMDG Exemption for Limited Quantities (IMDG 18.3, 3.2.6)

**Label's Required:**

*Outer Packaging:* (No requirements)

*Pallets:* Dangerous Goods in Limited Quantities (Class 3 Flammable)

*Container:* "Limited Quantities"

**References:**

Regulatory Standards:

International Maritime Dangerous Goods (IMDG) Codes, Amdt. 28-96.

International Air Transportation Association (IATA) (Per International Civil Aviation Organization Technical Instructions) 39<sup>th</sup> Edition.

## 15. REGULATORY INFORMATION

**SARA Title III Reporting Requirements:**

Section 302	No
Section 311	Yes
Section 312	Yes
Section 313	NOT REQUIRED

**CERCLA / RCRA Reporting Requirements:**

CERCLA:	REQUIRED
RCRA:	REQUIRED
WHMIS:	Yes

**Biodegradability:**

Not Biodegradable

**CALIFORNIA AIR RESOURCES BOARD ("CARB") Volatile Organic Compound ("VOC") Content Level:**

**Category:** Truck Bed Liner Coating

**VOC Regular:** 301 grams per liter / 2.51 pounds per gallon

**VOC Actual:** 301 grams per liter / 2.51 pound per gallon

**References:**

Regulatory Standards:

DOT Title 49, Code of Federal Regulations.

Superfund Amendment Reauthorization Act of 1986, Title III.

Toxic Substance Control Act List (TSCA):

Ingredients listed

Permissible Exposure References:

Registry of Toxic Effects of Chemical Substances  
National Toxicology Programs (NTP) Report on Carcinogens  
International Agency for Research on Cancer (IARC) Monographs  
Occupational Safety & Health Regulations

***16. OTHER INFORMATION***

**Contact:** Thomas Cholke

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