

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Sterling Silver  
**Product Use/Restriction:** Topcoat  
**Manufacturer Name:** POR-15, Inc.  
**Address:** P.O. Box 1235  
 Morristown, NJ 07962-1235  
**General Phone Number:** 800-457-6715  
**Customer Service Phone Number:** 973-887-1999  
**Technical Product Information:** 800-457-6715  
**Emergency Phone Number:** 1-800-457-6715  
**CHEMTREC:** For emergencies in the US, call CHEMTREC: 800-424-9300  
**MSDS Revision Date:** October 20, 2008  
**MSDS Format:** ANSI

HMIS	
Health Hazard	2
Fire Hazard	2
Reactivity	0
Personal Protection	G

\* Chronic Health Effects

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Ingredient Percent	EC Num.
Aliphatic Hydrocarbon	8052-41-3	- by weight	
Aluminum	7429-90-5	- by weight	
Aliphatic Hydrocarbon	64742-88-7	- by weight	
Oil Modified Polyurethane	Proprietary	- by weight	

**SECTION 3 - HAZARDS IDENTIFICATION**

**Route of Exposure:**  
**Potential Health Effects:**  
**Eye:** May cause severe irritation.  
**Skin:** May cause irritation.  
**Inhalation:** Excessive inhalation may cause irritation to nose, throat, lungs.  
**Ingestion:** May be harmful if swallowed; irritation of mouth, pharynx, esophagus and stomach may develop following ingestion.  
**Signs/Symptoms:** Headache, dizziness, nausea, respiratory tract irritation; may be an eye irritant & cause skin irritation.  
**Target Organs:**  
**Aggravation of Pre-Existing Conditions:** None Known

**SECTION 4 - FIRST AID MEASURES**

**Eye Contact:** Immediately flush eyes with plenty of water for 15 to 20 minutes occasionally lifting eyelids. Get medical attention, if irritation or symptoms of overexposure persists.  
**Skin Contact:** Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists. Wash contaminated clothing thoroughly before re-use.  
**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention if necessary.  
**Ingestion:** If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Drink plenty of water, seek medical attention. Give one or two glasses of water to drink and refer to medical personnel.  
**Note to Physicians:**  
**Other First Aid:**

**SECTION 5 - FIRE FIGHTING MEASURES**

**Flammable Properties:** Combustible liquid. At elevated temperatures, vapors can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.  
**Flash Point:** 42.2°C (108°F)  
**Flash Point Method:** TCC  
**Auto Ignition Temperature:** 246°C (475°F)  
**Lower Flammable/Explosive Limit:** 0.77%  
**Upper Flammable/Explosive Limit:** 6%  
**Fire Fighting Instructions:**  
**Extinguishing Media:** Foam, CO<sub>2</sub>, Dry Chemical, Sand.  
**Unsuitable Media:**  
**Protective Equipment:** Use of Self Contained Breathing Apparatus is recommended for fire fighters. Avoid

**Unusual Fire Hazards:**

spreading burning liquid with water for cooling purposes.  
Keep work areas free of hot metal surfaces and other sources of ignition.  
COMBUSTIBLE.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES****Personnel Precautions:****Environmental Precautions:**

**Spill Cleanup Measures:** Provide ventilation and respiratory protection if required.

**Other Precautions:****SECTION 7 - HANDLING and STORAGE****Handling:**

Keep away from heat, sparks, open flame; use with adequate ventilation. Avoid prolonged or repeated contact.

**Storage:**

Store in tightly closed containers to prevent moisture contamination. Do not reseal if contamination is suspected. Ideal storage temperature range for ease of handling is 50-81 deg F (10-27 deg C). Avoid contact with skin and eyes.

SHELF LIFE: 6 months - 2 years (unopened can) @ 77 deg F (25 deg C)

Store in tightly closed container and protect from moisture and foreign materials. At maximum storage temperatures noted, material may slowly polymerize without hazard. Ideal storage temperature range is 50-81 deg F (10-27 deg C).

**Work Practices:****Special Handling Procedures:****Hygiene Practices:****SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES****Engineering Controls:**

Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use in well-ventilated areas only. Have adequate general exhaust.

**Eye/Face Protection:**

Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166. Contact lenses should not be worn.

**Skin Protection Description:**

Cover as much of the exposed skin area as possible with appropriate clothing. If skin creams are used, keep the area covered to a minimum.  
& dbo\_Section8.HandProtectionDescription

**Respiratory Protection:**

A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, spray painting, or any other circumstances where air purifying respirators may not provide adequate protection.

**Other Protective:**

Self-contained breathing apparatus if threshold limit is exceeded. Eyewash and deluge shower should be available.

**EXPOSURE GUIDELINES****Notes :****SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES****Physical State Appearance:**

Silver Color

**Odor:**

Specific Odor

**Boiling Point:**

350-385 °F

**Melting Point:**

Not Available

**Specific Gravity:**

1.1 - 1.3

**Solubility:**

Negligible

**Vapor Density:**

Heavier Than Air

**Vapor Pressure:**

3 mm Hg@68 °F

**Flash Point:**

42.2°C (108°F)

**Flash Point Method:**

TCC

**Auto Ignition Temperature:**

246°C (475°F)

**VOG Content:**

430 gm/liter

**SECTION 10 - STABILITY and REACTIVITY****Chemical Stability:**

Stable under normal conditions

**Reactivity:**

Non-reactive in water

**Hazardous Polymerization:**

None under normal conditions.

**Conditions to Avoid:**

Sparks, open flame, fire.

**Incompatible Materials:**

Oxidizing agents like bleach, hydrogen peroxide.

**Special Decomposition Products:**

SECTION 11 - TOXICOLOGICAL INFORMATION

SECTION 12 - ECOLOGICAL INFORMATION

SECTION 13 - DISPOSAL CONSIDERATIONS

SECTION 14 - TRANSPORT INFORMATION

DOT Shipping Name: Paint  
DOT UN Number: UN1263  
DOT Hazard Class: 3  
DOT Packing Group: III

SECTION 15 - REGULATORY INFORMATION

SECTION 16 - ADDITIONAL INFORMATION

HMIS Health Hazard: 2  
HMIS Fire Hazard: 2  
HMIS Reactivity: 0  
HMIS Personal Protection: G  
MSDS Revision Date: October 20, 2008

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