Material Safety Data Sheet

24 Hour Assistance:

1-847-367-7700
Rust-Oleum Corporation
www.rustoleum.com

Section 1 – Product And Company Identification

Product Name: ROHPER SSPR 6PK 2K EPOXY GRAY PRIMER Revision Date : 10/9/2008

Identification Number : 247597

Product Use/Class: Solventborne Coating/Epoxy Primer

Supplier: Rust-Oleum Corporation
11 Hawthorn Parkway
Vernon Hills, IL 60061
USA

Manufacturer: Rust-Oleum Corporation
11 Hawthorn Parkway
Vernon Hills, IL 60061
USA

Preparer: Regulatory Department

Section 2 – Composition / Information On Ingredients

Component	CAS No.	Weight %	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL Ceiling
Dimethyl Ether	115-10-6	>= 30 - < 60	100 ppm	N.E.	N.E.	N.E.
Acetone; Propan-2-one; Propanone	67-64-1	>= 10 - < 30	500 ppm	750 ppm	750 ppm	N.E.
Xylene	1330-20-7	>= 5 - < 10	100 ppm	150 ppm	100 ppm	N.E.
1-Methoxy-2- Propanol; Monopropylene Glycol Methyl Ether	107-98-2	>= 1 - < 5	100 ppm	150 ppm	100 ppm	N.E.
Trizinc bis(Orthophosphate)	7779-90-0	>= 1 - < 5	N.E.	N.E.	N.E.	N.E.
Ethylbenzene	100-41-4	>= 1 - < 5	100 ppm	125 ppm	100 ppm	N.E.
Butan-1-ol; n-butanol	71-36-3	>= 1 - < 5	N.E.	N.E.	100 ppm	N.E.
2-Ethoxy-1-Methylethyl Acetate; 2PG1EEA	54839-24-6	>= 1 - < 5	N.E.	N.E.	N.E.	N.E.
Ethylenediamine; 1,2-Diaminoethane	107-15-3	>= 0.1 - < 1	10 ppm	N.E.	10 ppm	N.E.

Section 3 – Hazards Identification

*****Emergency Overview***** DANGER! Contents under pressure. Extremely flammable liquid and vapor. Harmful if swallowed. Vapors may cause flash fire or explosion. Harmful if inhaled. May affect the brain or nervous system causing dizziness, headache or nausea.

Effects of Overexposure – Eye Contact: Causes eye irritation.

Effects of Overexposure – Skin Contact: May cause allergic skin reaction. May cause skin irritation.

Effects of Overexposure – Inhalation: Causes respiratory tract irritation. May cause allergic respiratory reaction.

Effects of Overexposure – Chronic Hazards: Repeated absorption may result in bladder tumors.

Section 4 – First Aid Measures

First Aid – General Advice: Move out of dangerous area. Never give anything by mouth to an unconscious person. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). When symptoms persist or in all cases of doubt seek medical advice. Take off all contaminated clothing immediately.

First Aid – Eye Contact: Remove contact lenses. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

First Aid – Inhalation: Remove to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.

First Aid – Skin Contact: Wash off immediately with soap and plenty of water. Do NOT use solvents or thinners.

First Aid – Ingestion: If a person vomits when lying on his back, place him in the recovery position. Clean mouth with water and drink afterwards plenty of water. Ingest activated charcoal. If swallowed, seek medical advice immediately and show this container or label.

Section 5 – Fire-Fighting Measures

Flash point : < 0 °C (< 32 °F)
Ignition temperature : 365 °C (689 °F)
Lower explosion limit : 1.4 %(V)
Upper explosion limit : 8.5 %(V)

Extinguishing Media: Water Fog, Alcohol-Resistant Foam, Dry Chemical, Carbon Dioxide

Unusual Fire and Explosion Hazards: High Volume Water Jet may scatter and spread fire. Water spray may be ineffective. FLASHPOINT IS LESS THAN 20°F – EXTREMELY FLAMMABLE LIQUID AND VAPOR. Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can.

Special Firefighting Procedures: Evacuate area and fight fire from a safe distance.

Section 6 – Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust for containment. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial), and federal regulations. Do not incinerate closed containers.

Section 7 – Handling And Storage

Handling: Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing vapor or mist. Wash thoroughly after handling. Use only in a well-ventilated area. Wash hands before eating. Avoid contact with skin or eyes. Limit the stocks at workplace. Keep away from heat or sources of ignition. Do not smoke. Vapors are heavier than air and may spread along floors.

Storage: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Do NOT store at temperatures above 120°F. Store large quantities in buildings designed and protected for storage of NFPA Class I flammable liquids. Contents under pressure. Keep away from food, drink and animal feedstock. Keep away from oxidizing agents, strong acids or strongly alkaline materials.

Section 8 – Exposure Controls / Personal Protection

Engineering Controls: Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation. Use process enclosures, local ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

Respiratory Protection: A respiratory protection program that mees OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA 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, exposures are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Skin Protection: Use impervious gloves to prevent skin contact and absorption of this material through the skin. Nitrile or Neoprene gloves may afford adequate skin protection. Wear impervious clothing.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other Protective Equipment: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

Hygienic Practices: Wash thoroughly with soap and water before eating, drinking or smoking.

Section 9 – Physical And Chemical Properties

Boiling Range:	N.D.	Vapor Density:	Heavier than air
Odor:	Amine-Like	Odor Threshold:	N.E.
Appearance:	Aerosol Can	Evaporation Rate:	Faster than Ether
Solubility in H_2O:	Slight		
Freeze Point:	N.D.	Specific Gravity:	0.85 g/cm^3
Vapor Pressure:	3.6 hPa at 20°C	pH:	N.A.
Physical State:	Two phase liquid		

Section 10 – Stability And Reactivity

Conditions to Avoid: Avoid temperatures above 120°F. Avoid all possible sources of ignition.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

Hazardous Decomposition: When heated to decomposition, acrid smoke and irritating fumes are emitted. By open flame, carbon monoxide, NO_x gases, carbon dioxide and dense black smoke are emitted.

Hazardous Polymerization: Will not occur under normal conditions.

Thermal Decomposition: Heating can release hazardous gases. Fire or intense heat can cause violent rupture of packaging.

Hazardous Reactions: Vapors may form explosive mixture with air.

NOTE: No decomposition if used as directed. Product is stable under specified storage conditions.

Section 11 – Toxicological Information

Product LC50: N.D.

Product LD50: N.D.

Chemical Name	LC50	LD50
Acetone	N.E.	N.E.
Xylene	5000 ppm [4hr, inhalation, rat]	4300 mg/kg (oral, rat)
Propylene Glycol Monomethyl Ether	N.E.	N.E.
Trizinc bis(Orthophosphate)	N.E.	N.E.
Ethylbenzene	N.E.	3500 mg/kg (oral, rat)
n-Butanol	>8000 ppm (4hr, rat)	2500 mg/kg (rat)
Ethylenediamine	N.E.	N.E.

Section 12 – Ecological Information

Ecological Information: Product is a mixture of listed components. Do not allow to enter storm drains, sewer systems, water courses or the soil.

Section 13 – Disposal Considerations

Disposal Considerations: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains, sewer systems, water courses or the soil. Ensure aerosol cans are sprayed completely empty (including propellant). Containers that have not been emptied in compliance with regulations are regarded as hazardous waste.

Section 14 – Transport Information

DOT Proper Shipping Name:	Aerosols	Packing Group:	---
DOT Technical Name:	---	Hazard Subclass:	---
DOT Hazard Class:	2.1	Response Guide Page:	126
DOT UN/NA Number:	UN1950		

Section 15 – Regulatory Information

CERCLA – SARA Hazard Category

This product has been reviewed according to the EPA “Hazard Categories” promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD, PRESSURIZED GAS HAZARD

SARA Section 313

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40CFR Part 372:

(none)

Toxic Substances Control Act

TSCA Status : On TSCA Inventory

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of TSCA 12(B) if exported from the United States:

(none)

U.S. State Regulations:

New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product:

California Proposition 65: WARNING! This product contains a chemical known in the State of California to cause cancer:

Ethylbenzene 100-41-4

International Regulations:

DSL Status : All components of this product are on the Canadian DSL list.

WHMIS Classification : **B5** Flammable Aerosol **D2A** Very Toxic Material Causing Other Toxic Effects **D2B** Toxic Material Causing Other Toxic Effects Carcinogen Respiratory sensitizer Moderate skin irritant Moderate respiratory irritant Severe eye irritant

Section 16 – Other Information

HMIS Ratings:

Health: 2* Flammability: 4 Reactivity: 1 Personal Protection: C

Key to Abbreviations:

N.A.	Not Applicable	N.D.	Not Determined	N. E.	Not Established
DOT	Department of Transportation	ppm	parts per million (mg/L)		

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.