

# Material Safety Data Sheet

24 Hour Assistance:  
1-847-367-7700  
Rust-Oleum Corp.  
www.rustoleum.com

## Section 1 - Chemical Product / Company Information

Product Name: SIE S40 1-GL EPOXY GLOSS WHIT PASTEL BAS Revision Date: 08/21/2009  
 Identification Number: 208060  
 Product Use/Class: White Pastel Base/Sierra S-40  
 Supplier: Rust-Oleum Corporation Manufacturer: Rust-Oleum Corporation  
 11 Hawthorn Parkway 11 Hawthorn Parkway  
 Vernon Hills, IL 60061 Vernon Hills, IL 60061  
 USA USA  
 Preparer: Regulatory Department

## Section 2 - Composition / Information On Ingredients

Chemical Name	CAS Number	Weight % Less Than			OSHA PEL-TWA	OSHA PEL CEILING
		ACGIH TLV-TWA	ACGIH TLV-STEL	ACGIH TLV-TWA		
Titanium Dioxide	13463-67-7	45.0	10 mg/m3	N.E.	15 mg/m3 (Total Dust)	N.E.
Aluminum Oxide	1344-28-1	5.0	1 mg/m3	N.E.	5 mg/m3 (Respirable)	N.E.
Glacial Acetic Acid	64-19-7	5.0	10 ppm	15 ppm	10 ppm	N.E.
Tetraethylene Pentamine	112-57-2	5.0	N.E.	N.E.	N.E.	N.E.

## Section 3 - Hazards Identification

\*\*\* Emergency Overview \*\*\*: No Information.

Effects Of Overexposure - Eye Contact: Causes eye irritation.

Effects Of Overexposure - Skin Contact: Substance may cause slight skin irritation.

Effects Of Overexposure - Inhalation: Routine handling and application does not require use of respiratory protection; however, if air monitoring demonstrates vapor, mist, or dust levels above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during handling and application. Follow respirator manufacturer's directions for respirator use. Low hazard for usual industrial handling or commercial handling by trained personnel.

Effects Of Overexposure - Ingestion: Substance may be harmful if swallowed.

Effects Of Overexposure - Chronic Hazards: Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. Significant exposure is not anticipated during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Eye Contact

## **Section 4 - First Aid Measures**

First Aid - Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

First Aid - Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

First Aid - Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation.

First Aid - Ingestion: Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

## **Section 5 - Fire Fighting Measures**

Flash Point: 200 F  
(Setaflash)

LOWER EXPLOSIVE LIMIT: 4.0 %  
UPPER EXPLOSIVE LIMIT : 19.9 %

Extinguishing Media: Dry Chemical, Foam, Water Fog

Unusual Fire And Explosion Hazards: FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F.

Special Firefighting Procedures: Water may be used to cool closed containers to prevent buildup of steam.

## **Section 6 - Accidental Release Measures**

Steps To Be Taken If Material Is Released Or Spilled: Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

## **Section 7 - Handling And Storage**

Handling: Wash thoroughly after handling. Avoid contact with eyes. Wash hands before eating.

Storage: Keep container closed when not in use. Keep from freezing.

## **Section 8 - Exposure Controls / Personal Protection**

Engineering Controls: Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Skin Protection: Nitrile or Neoprene gloves may afford adequate skin protection. Use gloves to prevent prolonged skin contact.

Eye Protection: Use safety eyewear designed to protect against splash of liquids. Use ANSI Z87.1 approved safety eyewear.

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:	212 - 350 F	Vapor Density:	Heavier than Air
Odor:	N.A.	Odor Threshold:	ND
Appearance:	Liquid	Evaporation Rate:	Slower than Ether
Solubility in H <sub>2</sub> O:	Soluble		
Freeze Point:	ND	Specific Gravity:	1.679
Vapor Pressure:	ND	PH:	NE
Physical State:	Liquid		

(See section 16 for abbreviation legend)

## Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid contact with strong acid and strong bases.

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

Hazardous Decomposition: When heated to decomposition, it emits acrid smoke and irritating fumes. By open flame, carbon monoxide and carbon dioxide.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

## Section 11 - Toxicological Information

Product LD50: ND

Product LC50: ND

<u>Chemical Name</u>	<u>LD50</u>	<u>LC50</u>
Titanium Dioxide	>7500 mg/kg (Rat, Oral)	N.E.
Aluminum Oxide	N.E.	N.E.
Glacial Acetic Acid	3310 mg/kg (Rat, Oral)	5620 ppm (Mouse, Inhalation, 1 Hr)
Tetraethylene Pentamine	660 mg/kg (Rabbit, Skin)	N.E.

## Section 12 - Ecological Information

Ecological Information: No Information.

## Section 13 - Disposal Information

Disposal Information: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

## Section 14 - Transportation Information

DOT Proper Shipping Name:	Paint	Packing Group:	---
DOT Technical Name:	---	Hazard Subclass:	Not Regulated
DOT Hazard Class:	---	Resp. Guide Page:	---
DOT UN/NA Number:	---		

## 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

### 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 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS Number</u>
Aluminum Oxide	1344-28-1

### Toxic Substances Control Act:

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:

It is the policy of Rust-Oleum Corporation to use only TSCA compliant materials in its products.

### U.S. State Regulations: As follows -

#### New Jersey Right-to-Know:

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

<u>Chemical Name</u>	<u>CAS Number</u>
Water	7732-18-5
Polyamine Polymer	PROPRIETARY
Amorphous Silica	7631-86-9

#### Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS Number</u>
Water	7732-18-5
Polyamine Polymer	PROPRIETARY
Amorphous Silica	7631-86-9

**California Proposition 65:**

WARNING! This product contains a chemical(s) known by the State of California to cause cancer.

WARNING! This product contains a chemical(s) known to the State of California to cause birth defects or other reproductive harm.

**International Regulations: As follows -****CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**CANADIAN WHMIS CLASS:** D2B

<b>Section 16 - Other Information</b>
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**HMIS Ratings:**

Health: 1

Flammability: 0

Reactivity: 0

Personal Protection: X

**REASON FOR REVISION:** Regulatory Update

**Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

No Information.