

Material Safety Data Sheet

Sierra Performance Coatings
by Rustoleum
24 Hour Assistance:
1-847-367-7700
Rust-Oleum Corp.
www.rustoleum.com

Section 1 - Chemical Product / Company Information

Product Name: INT 110H SIERRA BLACK IO PASTE Revision Date: 07/24/2006
Identification Number: 209434
Product Use/Class: Intermediate/Sierra
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: Department, Regulatory

Section 2 - Composition / Information On Ingredients

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>Weight % Less Than</u> | <u>ACGIH TLV-TWA</u> | <u>ACGIH TLV-STEL</u> | <u>OSHA PEL-TWA</u> | <u>OSHA PEL-CEILING</u> |
|-------------------------|-------------------|---------------------------|----------------------|-----------------------|---------------------|-------------------------|
| Polyoxypropylenediamine | 9046-10-0 | 5.0 | N.E. | N.E. | N.E. | N.E. |

Section 3 - Hazards Identification

*** Emergency Overview ***: Causes skin and eye burns.

Effects Of Overexposure - Eye Contact: Corrosive. Will cause eye burns and permanent tissue damage, including blindness. Causes eye irritation.

Effects Of Overexposure - Skin Contact: Causes skin burns, irritation and possible allergic reaction. Substance may cause slight skin irritation.

Effects Of Overexposure - Inhalation: Low hazard for usual industrial handling or commercial handling by trained personnel. 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.

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

Effects Of Overexposure - Chronic Hazards: No Information.

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

Section 4 - First Aid Measures

First Aid - Eye Contact: Hold eyelids apart and flush with plenty of water for at least 15 minutes. Get medical attention.

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.

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

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

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 ANSI Z87.1 approved safety eyewear. 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: | 212 - 482 F | Vapor Density: | Heavier than Air |
| Odor: | N.A. | Odor Threshold: | |
| Appearance: | Liquid | Evaporation Rate: | Slower than Ether |
| Solubility in H2O: | Soluble | | |
| Freeze Point: | ND | Specific Gravity: | 1.380 |
| 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: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes.

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

Chemical Name

Polyoxypropylenediamine

LD50

2.88 g/kg (ORAL, RAT) N.D.

LC50

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 Related Material | Packing Group: | --- |
| DOT Technical Name: | --- | Hazard Subclass: | --- |
| DOT Hazard Class: | Not Regulated | 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:

None known

Toxic Substances Control Act:

Product is a mixture of components either listed or exempt from TSCA requirements.

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.

Chemical Name

Water
Black Iron Oxide
Polyamine Polymer
Modified Urethane Copolymer

CAS Number

7732-18-5
1317-61-9
PROPRIETARY
MIXTURE

Pennsylvania Right-to-Know:

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

Chemical Name

Water
Black Iron Oxide
Polyamine Polymer

CAS Number

7732-18-5
1317-61-9
PROPRIETARY

California Proposition 65:

This product contains no listed substances known to the State of California to cause cancer and/or birth defects or other reproductive harm, at levels which would require a warning under the statute.

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

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|---------------------------------------|
| Section 16 - Other Information |
|---------------------------------------|

HMIS Ratings:

Health: 1

Flammability: 1

Reactivity: 0

Personal Protection: H

REASON FOR REVISION: Regulatory Update

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

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.