# 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: | Rust-Oleum High Performance Traffic Zone Striping Paint | Revision Date: | 08/30/2004 |
| Identification Number: | 2326402, 2348300, 2348402, 2366402, 2391300, 2391402 | | |
| Product Use/Class: | Traffic Stripping Paint/Water Based Acrylic | | |
| Supplier: | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA | Manufacturer: | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA |
| Preparer: | Cziczo, Ray | | |

## Section 2 - Composition / Information On Ingredients

| Chemical Name | CAS Number | Weight % Less Than | ACGIH TLV-TWA | ACGIH TLV-STEL | OSHA PEL-TWA | OSHA PEL-CEILING |
|---|---|---|---|---|---|---|
| Titanium Dioxide | 13463-67-7 | 10.0 | 10 mg/m3 | N.E. | 10 mg/m3 | N.E. |
| Calcined Aluminum Silicate | 1332-58-7 | 5.0 | 2 mg/m3 | N.E. | 5 mg/m3 | N.E. |
| Titanium Dioxide | 1317-80-2 | 5.0 | 10 mg/m3 | N.E. | 15 mg/m3 | N.E. |
| Methyl Alcohol | 67-56-1 | 5.0 | 200 PPM | N.E. | 200 PPM | N.E. |
| Diethylene Glycol Monobutyl Ether | 112-34-5 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| PY65 CI11740 Monoazo Yellow Pigment | 6528-34-3 | 1.0 | N.D. | N.D. | N.D. | N.D. |
| 2-Ethyl-hexyl benzoate | 5444-75-7 | 1.0 | | | | |

## Section 3 - Hazards Identification

*** Emergency Overview ***: Use ventilation necessary to keep exposures below recommended exposure limits, if any.

Effects Of Overexposure - Eye Contact: Causes eye irritation.

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

Effects Of Overexposure - Inhalation: 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: 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: 0.9 %
UPPER EXPLOSIVE LIMIT : 36.5 %

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. Wash hands before eating. Avoid contact with eyes.

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. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

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.

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 - 453 F | Vapor Density: | Heavier than air |
| Odor: | Ammonia Like | Odor Threshold: | ND |
| Appearance: | Liquid | Evaporation Rate: | Slower than Ether |
| Solubility in H2O: | Soluble | | |
| Freeze Point: | ND | Specific Gravity: | 1.5670 |
| Vapor Pressure: | | 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

| Chemical Name | LD50 | LC50 |
|---|---|---|
| Titanium Dioxide | >7500 mg/kg (ORAL, RAT) | N.D. |
| Calcined Aluminum Silicate | N.D. | N.D. |
| Titanium Dioxide | N.D. | N.D. |
| Methyl Alcohol | RAT 5628MG/KG | RAT 64000PPM 4HR |
| Diethylene Glycol Monobutyl Ether | 6560 mg/kg (ORAL, RAT) | >2000 ppm (INH 7 Hr, RAT) |
| PY65 CI11740 Monoazo Yellow Pigment | N.D. | N.D. |
| 2-Ethyl-hexyl benzoate | 2000-5000 mg/kg | |

## Section 12 - Ecological Information

Ecological Information: Product is a mixture of listed components.

## 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 311and 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

**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:

| Chemical Name | CAS Number |
|---|---|
| Methyl Alcohol | 67-56-1 |
| Diethylene Glycol Monobutyl Ether | 112-34-5 |

**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:

None known

### 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 | CAS Number |
|---|---|
| Water | 7732-18-5 |
| Calcium Carbonate | 1317-65-3 |

| | |
|---|---|
| Modified Acrylic Copolymer | PROPRIETARY |
| Vinyl Acrylic Latex | PROPRIETARY |

**Pennsylvania Right-to-Know:**

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

| Chemical Name | CAS Number |
|---|---|
| Water | 7732-18-5 |
| Calcium Carbonate | 1317-65-3 |
| Modified Acrylic Copolymer | PROPRIETARY |
| Vinyl Acrylic Latex | PROPRIETARY |

**California Proposition 65:**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

| Chemical Name | CAS Number |
|---|---|
| Microcrystalline Silica | 14808-60-7 |
| Acetaldehyde | 75-07-0 |
| 1,4-Dioxane | 123-91-1 |
| Arsenic Compounds | NOT SPECIFIED |
| Lead Compounds | NOT SPECIFIED |
| Cadmium Compounds | NOT SPECIFIED |
| Ethylene Oxide | 75-21-8 |
| Beryllium Compounds | NOT SPECIFIED |
| Nickel Compounds | NOT SPECIFIED |
| Chromium (Hexavalent) Compounds | NOT SPECIFIED |
| Formaldehyde | 50-00-0 |

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

| Chemical Name | CAS Number |
|---|---|
| Arsenic Compounds | NOT SPECIFIED |
| Lead Compounds | NOT SPECIFIED |
| Cadmium Compounds | NOT SPECIFIED |
| Ethylene Oxide | 75-21-8 |
| Ethylene Glycol Monoethyl Ether | 110-80-5 |

### 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

## Section 16 - Other Information

**HMIS Ratings:**

Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: X

**VOLATILE ORGANIC COMPOUNDS, g/l:** <250

**REASON FOR REVISION:**

**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.