

Material Safety Data Sheet

Last Update: 11/05/12

MULTI-MASTER DTM EN. SEMI-GLOSS WHITE
548901

Manufacturer:
RODDA PAINT COMPANY
6123 N MARINE DRIVE
PORTLAND, OR 97203

Emergency Phone:
(800) 424-9300

Name of preparer:
Rick Barnard
Information Phone:
(503) 521-4300

HEALTH 2

FLAMMABILITY 0

REACTIVITY 0

PERSONAL PROTECTION

F

Hazardous Ingredients / SARA III Information

Reportable Components	CAS Number	Vapor Pressure mm Hg @ Temp		Weight Percent
+ TITANIUM DIOXIDE	13463-67-7			10 - 20
PEL (OSHA) : 15 mg/m3, TOTAL DUST, 8 HR TWA				
TLV (ACGIH): 10 mg/m3, TOTAL DUST, 8 HR TWA				
*# ETHYLENE GLYCOL MONOPROPYL ETHER	2807-30-9	1.3	25 C	0 - 10
DIPROPYLENE GLYCOL N-BUTYL ETHER	29911-28-2	LT.1	68F	0 - 10
#> GLYCOL ETHER	112-34-5	0.88	77 F	0 - 10
OSHA: None Established ACGIH: None Established				

The above chemical(s) meet the criteria as defined under 29 CFR 1910 for toxic and hazardous substances.

* Indicates toxic material(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372.

+ Indicates material(s) listed as a NTP, IARC, or OSHA carcinogen.

> Indicates material(s) listed on California's Proposition 65 known to the state to cause reproductive toxicity or cancer.

Indicates materials listed in Section 112(b) of the Clean Air Act.

Physical / Chemical Characteristics

Boiling Range: 301 F - 444F

Vapor Density: Heavier than air.

Solubility in Water: Complete.

Appearance and Odor: White or tinted liquid, mild odor of ammonia.

Coating VOC: 1.17 lb/gal

Material VOC: 0.49 lb/gal

Specific Gravity: 1.24

Evaporation Rate: Slower than Butyl Acetate.

Fire and Explosion Hazard Data

Flash Point: 120 F

Method Used: TOC

Flashable Limits in air by volume:

Upper: 10.6% Lower: 1.1%

Extinguishing Media: CO2, dry chemical, foam, or water fog.

Special Firefighting Procedures:

For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. Self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode to protect against the hazardous effects of normal products of combustion or oxygen deficiency.

Unusual Fire and Explosion Hazards:

Product may spatter if temperature of liquid exceeds the boiling point of water. If solids ignite, toxic and irritating gases can be emitted. Thermal decomposition of this product will produce carbon monoxide and carbon dioxide gases.

Reactivity Data

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid:

Excessive temperatures, poor ventilation, and corrosive atmospheres. Avoid all heat sparks and sources of ignition.

Incompatibility (Materials to Avoid):

Strong oxidizing agents (Nitric Acid, Permanganates, MEK Peroxide, Etc.).

Hazardous Decomposition or Byproducts:

Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

Health Hazard Data

Inhalation - Health Risks and Symptoms of Exposure:

Use only with adequate ventilation. If adequate ventilation is not possible, such as in a closed room or other situations where air flow is minimal or nonexistent, see section VIII for information regarding respiratory protection. Do not breathe dust or spray mist. Ensure fresh air entry during application and drying. For spray application, sanding, abrading, and dust cleanup, wear an appropriate properly fitted respirator (NIOSH/MSHA TC21C approved). Follow respirator manufacturer's directions for respirator use. If affected, remove to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Get medical attention.

Skin and Eye Contact - Health Risks and Symptoms of Exposure:

Exposure may cause drying of the skin with mild irritation. Symptoms may include: redness, burning sensation, drying and cracking. Exposure with material may cause moderate eye irritation. Symptoms may include: tearing, redness, and stinging sensation. Corneal involvement or visual impairment is not expected to occur.

Skin Absorption - Health Risks and Symptoms of Exposure:

Prolonged exposure limit may result in the absorption of harmful amounts of material.

Ingestion - Health Risks and Symptoms of Exposure:

Excessive breathing of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation. Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs and cause chemical pneumonitis which can be fatal.

Health Hazards (Acute and Chronic):

Acute health hazards are listed above. Chronic: Prolonged and repeated exposure may cause delayed effects involving the blood, gastrointestinal, respiratory, nervous and reproductive systems.

Health Hazards of Previous Coatings:

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Carcinogenicity: NTP Carcinogen: No IARC Monographs: Yes OSHA Regulated: Yes

This material is not listed as a human carcinogenic.

Medical Conditions Generally Aggravated by Exposure: None known. Emergency and First Aid Procedures: SKIN- Wash exposed area with soap and water. EYES- Flush with large amounts of water.

Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:

Persons not wearing protective equipment should be excluded from area of spill until clean-up had been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers. Prevent run-off sewers, streams, or other bodies of water.

Waste Disposal Method:

Destroy by liquid incineration. Material collected on absorbent material may be deposited in an approved landfill in accordance with local, state, and federal regulations.

Precautions to be Taken in Handling and Storing:

Store in a cool, dry area. Keep away from heat, sparks, and open flame. Keep containers closed when not in use. Use only with adequate ventilation.

Other Precautions:

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet must be observed. **READ AND OBSERVE ALL PRECAUTIONS ON LABEL!**

Control Measures

Respiratory Protection:

If TLV of the product or any component is exceeded, a NIOSH/MESA jointly approved self-contained breathing apparatus with a full face piece operated in pressure demand or other positive pressure mode is advised; however, OSHA regulations also permit other NIOSH/MESA respirators under specified conditions. (See your safety equipment supplier).

Ventilation:

Provide sufficient mechanical and/or local exhaust to maintain exposure below TLV(s).

Protective Gloves:

Wear resistant gloves such as: BUNA-N

Eye Protection:

Chemical splash goggles in compliance with OSHA regulations are advised, unless full facepiece respirator is worn.

Other Protective Clothing or Equipment:

To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Work / Hygienic Practices:

Wash hands thoroughly after handling this product.

Disclaimer

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