

Material Safety Data Sheet

Last Update: 11/05/12

UNIQUE II FLAT - WHITE
512001

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

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FLAMMABILITY

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REACTIVITY

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PERSONAL PROTECTION

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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			
+ > FLUX CALCINED DIATOMACEOUS EARTH	68855-54-9		0 - 10
+ > SILICA-CRYSTALLINE	14464-46-1		0 - 10
TLV: .05mg/m3			

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

This product is believed not to contain toxic materials 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.

This product is believed not to contain materials listed in Section 112(b) of the Clean Air Act.

Physical / Chemical Characteristics

Boiling Range: N/A	Coating VOC: 1.01 lb/gl
Vapor Density: Heavier than air.	Material VOC: 0.45 lb/gl
Solubility in Water: Complete.	Specific Gravity: 1.39
Appearance and Odor: White or tinted liquid, mild odor of ammonia.	Evaporation Rate: Slower than Butyl Acetate.

Fire and Explosion Hazard Data

Flash Point: N/A	Flashable Limits in air by volume:
Method Used: N/A	Upper: N/A Lower: N/A

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
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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 and hydrofluoric acid.

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. 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. This product contains crystalline silica, which is a hazard by inhalation. When contact with silica dust occurs remove to fresh air, drink water to clean throat and blow nose to evacuate dust. Symptoms of exposure include: irritation and soreness in throat and nose.

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):

Crystalline silica has been classified as probably carcinogenic for humans by IARC. It is also a known cause of silicosis, a noncancerous lung disease caused by excessive exposure to crystalline silica.

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: Yes IARC Monographs: Yes OSHA Regulated: Yes

This product contains crystalline silica (CS), which is considered a hazard by inhalation. IARC has classified CS as probably carcinogenic for humans (2A). This classification is based on the findings of laboratory animals studies that were considered sufficient and data from epidemiological studies that were considered limited for carcinogenicity. CS is listed by NTP as a substance which may reasonably be anticipated to be a carcinogen. CS is also a known cause of silicosis, a noncancerous lung disease. Further studies are being conducted to clarify potential health effects of CS.

Medical Conditions Generally Aggravated by Exposure: Pre-existing upper respiratory and lung disease such as, but not limited to bronchitis, emphysema and asthma. 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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