

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET
DURA COAT / 2124
JULY 2014
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FIRE	2
REACTIVITY	0
P.P.E.	

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification

CHEMICAL FAMILY: Acrylic Latex Floor & Patio Paint

SECTION 2 – Composition on Ingredients

Chemical Name	CAS#	Wt %	TLV (TWA)	TLV (STEL)	PEL	Vapor Pressure (mm Hg)
Titanium Dioxide	13463-67-7	10	10 mg/M3	N/A	15 mg/M3	N/A
Diethylene Glycol, Monomethyl Ether	111-77-3	<5	N/A	N/A	Not Est. (30 ppm suggested)	0.25 mm@25°C
2, 2, 4-Trimethyl-1, 3-PEN, Tanediol, Monoisobutyrate	25265-77-4	<5	Not Est.	N/A	Not Est.	0.02 mm/100°F
Propylene Glycol, Monobutyl Ether	5131-66-8	<5	Not Est.	Not Est.	Not Est.	.6 mmHf@ 20°C
Silicon Dioxide, Silica	14808-60-7	<.2	0.1 mg/m ³ , (Respir. Dust)	N/A	10 mg/m ³ (Respir. Dust) %S102+2	N/A
Calcium Carbonate	1317-65-3	5	10 mg/m ³	N/A	15 mg/m ³ (total dust) 5 mg/m ³ (respire. Dust)	N/A

SECTION 3 – Hazards Information**Effects of Overexposure:**

Eyes: Direct contact may result in irritation.

Skin: Prolonged or repeated skin contact can cause moderate irritation.

Breathing: Excessive inhalation of spray mist may cause irritation of the mucous membranes of the nose, throat, respiratory tract, and headache and nausea. Long term overexposure to talc and/or silica can cause severe lung damage. IARC has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group I Carcinogenic to humans).

Ingestion: Swallowing may cause gastrointestinal irritation, nausea, and vomiting.

Systemic: Excessive overexposure to diethylene glycol methyl ether may cause kidney, liver, and possibly testicular effects.

Medical Conditions Prone to Aggravation by Exposure: Respiratory tract irritation, dermatitis, and nausea.

Primary Route(s) of Entry: Inhalation, ingestion.

SECTION 4 – First Aid Measures**Emergency & First Aid Procedures:**

Eyes: Flush with large amounts of water, lifting upper and lower lids occasionally. Get medical attention if irritation persists.

Skin: Wipe off paint, then thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

Inhalation: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet, and get medical attention.

Ingestion: Dilute by drinking two glasses of water and induce vomiting by touching the back of throat with finger. Never give anything by mouth or induce vomiting in an unconscious person. Contact a physician if symptoms persist.

SECTION 5 – Fire Fighting Measures

Flash Point	Classification (OSHA)	Classification (DOT)	LEL (%)
161°F	Combustible Liquid—Class IIIA	Combustible Liquid	0.6% by volume

Extinguishing Media: Foam, "Alcohol" Foam, CO₂, Dry Chemical, Water Fog

Unusual Fire & Explosion Hazards: This product will not ordinarily sustain combustion, but may spatter if the temperature exceeds the boiling point. Extreme heat may cause closed containers to explode from excessive steam pressure. Burning of the dried film will produce oxides of carbon and nitrogen.

Special Firefighting Procedures: A water stream may be used to cool closed containers to prevent excessive pressure build-up.

SECTION 6 – Accidental Release Measures

Steps to be taken in Case Material is Released or Spilled: Small spills may be absorbed on paper, vermiculite, flood absorbent, or other absorbent materials. Large spills should be diked to contain material and liquid pumped to savage tank.

Waste Disposal Method: Deposit in landfill in accordance with all local, state, and federal regulations.

SECTION 7 – Handling and Storage

Precautions to be taken in Handling & Storage: Keep closures tight and drums upright to prevent leakage. Do not store in extreme heat or allow to freeze.

Other Precautions: Dust or particles resulting from sanding, blasting, or abrading the dry coating will contain talc, mica, and/or silica, which are hazardous. See Section II. Wear a NIOSH approved respirator.

SECTION 8 – Exposure Controls/Personal Protection

Respirator Protection: When spraying this material use a NIOSH approved respirator.

Ventilation: Sufficient general mechanical ventilation or local exhaust should be provided when spraying this material.

Protective Gloves: Gloves should be worn if direct contact is likely.

Eye Protection: Chemical safety glasses.

Other Protective Equipment: Apron is splashing is likely.

Hygienic Practices: Wash hands before eating, smoking, or using the washroom.

SECTION 9 – Physical and Chemical Properties

Boiling Range (°F): 212-471°F

Volatile Volume (%): 70

Vapor Density: Heavier than air

VOC (grams/liter): <250

Weight per Gallon: 9.49

Evaporation Rate: Slower than ether

SECTION 10 – Stability and Reactivity

Stability: Stable.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: If heated to decomposition will produce oxides of carbon and nitrogen.

Conditions to Avoid: Do not store in extreme heat or allow to freeze.

Incompatibility (Materials to Avoid): Will react violently with water sensitive materials such as sulfuric acid or alkali materials such as sodium or metal hydrides.

SECTION 11 – Toxicological Information

No Data Available.

SECTION 12 – Ecological Information

No Data Available.

SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHOD: Deposit in landfill in accordance with local, state, and federal regulations.

SECTION 14 – Transport Information

No Data Available.

SECTION 15 – Regulatory Information

This product contains the following materials which are reportable under SARA Title III, Section 313:

	CAS NUMBER	WT %	LBS/GAL
Glycol Ethers	-----	3.9	0.38

SECTION 16 – Other Information

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

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