

**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 GUARD / 2125**  
**JULY 2014**  
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HEALTH	2
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:** Alkyd Polyurethane Floor & Trim Enamel

**SECTION 2 – Composition on Ingredients**

Chemical Name	CAS#	Weight %	TLV (TWA)	TLV (STEL)	PEL	Vapor Pressure (mm Hg)	Known or Suspected Carcinogen	Section 313 Reportable
Titanium Dioxide	13463-67-7	<25	10 mg/M3	No info	15 mg/M3	N/A	No	No
Mineral Spirits	8052-41-3	10-20	100 ppm	No info	500 ppm	2.6@68°	No	No
Cobalt Carboxylate	Mixture	<0.2	0.05 mg/M3 (as Co Fume & Dust)	N/A	0.05 mg/M3 (as Co Fume & Dust)	N/A	Yes	Yes
Octamethyl-cyclotetrasiloxane	556-67-2	10-20	5 ppm (Suggested)	N/A	Not Est	0.9@68°F	No	No
Kaolin	1332-58-7	<15	2 mg/M3 (resp dust)	N/A	15 mg/M3 (total dust) 5 mg/M3 (resp dust)	N/A	No	No
Carbon Black	1333-86-4	<2	3.5 mg/M3	N/A	3.5 mg/M3	N/A	No	No
Iron Oxide (Red)	1332-37-2	<10	5 mg/M3	N/A	10 mg/M(fume)	N/A	No	No
Iron Oxide (Yellow)	51274-00-1	<10	10 mg/M3	N/A	15 mg/M3	N/A	No	No

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

**Eyes:** Irritation, redness, burning, tearing, blurred vision.

**Skin:** Prolonged or repeated skin contact may cause irritation, defatting, dermatitis.

**Inhalation:** Respiratory tract irritation, dizziness, headache, blurred vision, weakness, fatigue. In severe cases, unconsciousness and/or asphyxiation may occur. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**Ingestion:** May cause nausea, vomiting, diarrhea. Ingestions of significant amounts of cobalt have been reported to have the potential for causing blood, heart, thyroid, and pancreas damage. The International Agency for Research on Cancer (IARC) has classified cobalt and cobalt compounds as Group 2B carcinogens. Group 2B carcinogens are possibly carcinogenic to humans. See IARC Monograph, Volume 52. See Section II.

**Medical Conditions Prone to Aggravation:** Respiratory tract sensitivity, allergies, skin conditions.

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

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

**Eyes:** Flush with large amounts of water. Consult a physician if irritation persists.

**Skin:** Wipe off excess and then wash thoroughly with soap and water. Consult a physician if irritation persists.

**Inhalation:** If affected, remove person to fresh air and consult a physician. If breathing is difficult, administer oxygen and get medical attention. If breathing has stopped, give artificial respiration and get medical attention immediately. Keep person warm and quit.

**Ingestion:** Get medical attention immediately. DO NOT INDUCE VOMITING unless directed to do so by qualified medical personnel. Aspiration of material into lungs can cause chemical pneumonitis, which can be fatal. Keep person arm and quiet.

**SECTION 5 – Fire Fighting Measures**

Flash Point (°F)	Classification (OSHA)	Classification (DOT)	LEL (%)
109	Combustible Liquid—Class II	Combustible Liquid	0.4

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam

**Unusual Fire & Explosion Hazards:** Vapors are heavier than air and may travel along ground or may be moved by ventilation and ignited by pilot lights, sparks, flame, or other ignition sources at some distance from the handling point. Closed containers may build pressure and explode if exposed to extreme heat.

**Special Firefighting Procedures:** Water may be used to cool containers not involved in the fire to reduce pressure buildup. Firefighters should use self-contained breathing apparatus with full face-piece operated in pressure demand or other positive pressure mode. Spilled material will be slippery.

**SECTION 6 – Accidental Release Measures**

**Steps to be taken in Case Material is Released or Spilled:** Remove all sources of ignition and ground all containers. Small spills may be absorbed on vermiculite, clay, or other absorbent. Sweep up powder and put in DOT approved waste containers. Large spills should be diked to contain the material and the liquid pumped into a salvage tank. Protect sewers, waterways, and environmentally sensitive areas from runoff.

**Waste Disposal Method:** Check company's policy on disposal. Disposal should be 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 containers upright to prevent leakage. Do not store in high heat or allow material to freeze. Recommend storing in areas where temperature is kept at 60-80°F. Do not let personnel use without proper hazardous material safety training. KEEP OUT OF REACH OF CHILDREN. Do not store near sparks, flame, or other sources of ignition.

**Other Precautions:** All containers should be disposed of in accordance with local, state, and federal regulations. Do not reuse containers. Empty containers will contain residue that may be hazardous (see sections above).

**SECTION 8 – Exposure Controls/Personal Protection**

**Respirator Protection:** None normally required. Wear a vapor/mist and/or particulate respirator (NIOSH approved) if airborne concentrations are at or above applicable limits (See section II). In poorly ventilated or confined spaces, use a fresh air supplying respirator or self-contained breathing apparatus (NIOSH approved).

**Ventilation:** Sufficient ventilation is volume and pattern should be provided to keep air contamination below applicable limits (see section II).

**Protective Gloves:** Impermeable gloves.

**Eye Protection:** Chemical goggles or face shield.

**Other Protective Equipment:** Long sleeves, impervious boots, and apron to protect from contact.

**Hygienic Practices:** Wash hands with soap and water after use and before eating, smoking, or using restroom.

**SECTION 9 – Physical and Chemical Properties**

<b>Boiling Range (°F):</b>	316-383°F	<b>Appearance/Odor:</b>	Viscous liquid/Solvent
<b>VOC (grams/liter):</b>	<250	<b>Density (lbs/gal):</b>	8.8+/-0.5
<b>Volatile Weight (%):</b>	34.5+/-2.0	<b>Volatile Volume (%):</b>	43.6+/-1.0
<b>Vapor Density:</b>	Heavier than air	<b>Evaporation Rate:</b>	Slower than ether
<b>Solubility in Water:</b>	Negligible		

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.

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**SECTION 10 – Stability and Reactivity****Stability:** Stable under normal storage condition.**Hazardous Polymerization:** Will not occur under normal conditions.**Hazardous Decomposition Products:** Burning may yield carbon monoxide, carbon dioxide, oxides of nitrogen, and various hydrocarbons.**Conditions to Avoid:** Do not store in areas of extreme temperature. Do not use near sparks, flame, or other ignition sources.**Incompatibility:** Strong acids and alkalis, bleach, strong oxidizers.**SECTION 11 – Toxicological Information**

No Data Available.

**SECTION 12 – Ecological Information**

No Data Available

**SECTION 13 – Disposal Consideration****WASTE DISPOSAL METHOD:** Check company's policy on disposal. Disposal should be in accordance with local, state, and federal regulations.**SECTION 14 – Transport Information**

No Data Available.

**SECTION 15 – Regulatory Information****CALIFORNIA PROPOSITION 65: WARNING:** This product contains a chemical(s) known to the state of California to cause cancer, birth defects, or other reproductive harm.**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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