

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

TRED SAFE / #2117

FEBRUARY 2010

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HEALTH	1
FIRE	1
REACTIVITY	0
P.P.E.	B

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

SECTION 1 – Chemical and Company Identification

PRODUCT CLASS: Acrylic Paint

SECTION 2 – Composition on Ingredients

INGREDIENT	CAS #	% WT.	TLV (TWA)	TLV (STEL)	PEL	VAPOR PRESSURE (mmHg)	Known or Suspected Carcinogen	Section 313 Reportable
Silicon Dioxide-Silica	14808-60-7	10-25	0.1mg/m ³ (Respir. Dust)	N/A	10mg/m ³ , (Respir. Dust) %SiO ₂ +2	N/A	Yes	No
Titanium Dioxide	13463-67-7	0-10	10 mg/M3	N/A	15 mg/M3 (total dust)	N/A	No	No
Iron Oxide (Red)	1332-37-2	<5	5 mg/M3	N/A	10 mg/M3 (fume)	N/A	No	No
Iron Oxide (Yellow)	51274-00-1	<5	10 mg/M3	N/A	15 mg/M3	N/A	No	No
Carbon Black	1333-86-4	1.6	3.5 mg/M3	N/A	3.5 mg/M3	N/A	No	No
Talc – Hydrous Magnesium Silicate	14807-96-6	<10	2 mg/M3 (resp. dust)	N/A	2 mg/M3 (resp. dust)	N/A	No	No
Propylene Glycol Monobutyl Ether	5131-66-8	<5	Not Established	Not Est.	Not Established	0.6 @ 68F	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. 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:** May cause nausea, vomiting, diarrhea.**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 quiet.**INGESTION:** Get medical attention immediately. Dilute by drinking 2 glasses of water and INDUCE VOMITING unless directed not to do so by qualified medical personnel. Never give anything by mouth to an unconscious person. Keep person warm and quiet.**SECTION 5 – Fire Fighting Measures****FLASH POINT:** 158-161°F (Setaflash)**CLASSIFICATION (OSHA):** Combustible Liquid – Class IIIA**CLASSIFICATION (DOT):** Combustible Liquid

LEL: 1.1%

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam**UNUSUAL FIRE AND 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****PRECAUTIONS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** 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.**SECTION 7 – Handling and Storage****PRECAUTIONS TO BE TAKEN IN HANDLING AND 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 hazard 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 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 2). In poorly ventilated or confined spaces, use a fresh air supplying respirator or self-contained breathing apparatus (NIOSH approved).**VENTILATION:** Sufficient ventilation in volume and pattern should be provided to keep air contamination below applicable limits (see section 2).**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.

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SECTION 9 – Physical and Chemical Properties

BOILING RANGE:	212-369°F	VOC (grams/liter):	<250
EVAPORATION RATE:	Slower than ether	VAPOR DENSITY:	Heavier than air.
DENSITY (lbs/gal):	12.3 +/-0.5	VOLATILE WEIGHT:	30-40%
SOLUBILITY IN WATER:	Miscible	VOLATILE VOLUME:	50-60%
APPEARANCE/ODOR:	Viscous liquid / Mild Ammonia		

SECTION 10 – Stability and Reactivity**STABILITY:** Stable under normal storage conditions.**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 all local, state, and federal regulations.**SECTION 14 – Transport Information**

No Data Available

SECTION 15 – Regulatory InformationCalifornia: 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**

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