



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	2117	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	TRED SAFE	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Acrylic Latex Anti-Slip Coating	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Flam. Liq.: Category 4 Resp. Sens.: Category 1 Carc.: Category 1A	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>	
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### HAZARD-DETERMINING COMPONENTS OF LABELING:

Quartz (SiO<sub>2</sub>)  
Wollastonite, Calcium Silicate  
Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)  
Carbon black  
1,2-benzisothiazol-3(2H)-one

### HAZARD STATEMENTS:

Combustible liquid.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause cancer.

### PRECAUTIONARY STATEMENTS:

Keep away from flames and hot surfaces. No smoking.  
Wear respiratory protection.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Wear protective gloves/eye protection/face protection.  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
If experiencing respiratory symptoms: Call a doctor.  
IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.  
IF EXPOSED OR CONCERNED: Get medical advice/attention.  
IN CASE OF FIRE: Use for extinction: CO<sub>2</sub>, sand, extinguishing powder.  
**Storage:** Store locked up. Store in a well-ventilated place. Keep cool.  
**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

## 3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT
Quartz (SiO <sub>2</sub> )	14808-60-7	25-30
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6	10-20
Propane-1,2-diol	57-55-6	2.5-5
Wollastonite, Calcium Silicate	13983-17-0	2.5-5
Carbon black	1333-86-4	1-2.5
3-butoxypropan-2-ol	5131-66-8	1-2.5
Dodecylbenzenesulfonic acid, compound with 4-(phenylazo)benzene-1,3-diamine (1:1)	63681-54-9	0.1-<0.25

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**EYES:** Rinse opened eye for several minutes under running water.

**SKIN:** Generally, the product does not irritate the skin.

### INHALATION:

Supply fresh air; consult doctor in case of complaints.

### INGESTION:

Do not induce vomiting; immediately call for medical help. A person vomiting while lying on their back should be turned onto their side.

### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

No further relevant information available.

### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No further relevant information available.

## 5. Fire-ighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

No further relevant information available.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:**

Wear self-contained respiratory protective device.

**6. Accidental Release Measures****PERSONAL PRECAUTIONS:**

Not required.

**ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:**

Do not allow product to reach sewage system or any watercourse. Inform respective authorities in case of seepage into watercourse or sewage system. Absorb with liquid-binding material (sand, diatomite, universal binder or other inert absorbent). Dispose contaminated material as waste according to Section 13. Ensure adequate ventilation.

**REFERENCE TO OTHER SECTIONS:**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**7. Handling and Storage****SAFE HANDLING:**

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.  
**Information about protection against explosions and fires:** No special measures required.

**SAFE STORAGE & INCOMPATIBILITIES:**

**Requirements to be met by storerooms and receptacles:** No special requirements.  
**Information about storage in one common storage facility:** Not required.  
**Further information about storage conditions:** Store in cool, dry conditions in well-sealed receptacles.

**SPECIFIC END USE(s):**

No further relevant information available.

**8. Exposure Controls / Personal Protection****ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL SYSTEMS:**

No further data; see Section 7.

**CONTROL PARAMETERS:****Components with limit values that require monitoring at the workplace:****14808-60-7 Quartz (SiO<sub>2</sub>)**

PEL see Quartz listing  
REL Long-term value: 0.05\* mg/m<sup>3</sup>  
\*respirable dust; See Pocket Guide App. A  
TLV Long-term value: 0.025\* mg/m<sup>3</sup>  
\*as respirable fraction

**57-55-6 propane-1,2-diol**WEEL Long-term value: 10 mg/m<sup>3</sup>**1333-86-4 Carbon black**

PEL: Long-term value: 3.5 mg/m<sup>3</sup>  
REL: Long-term value: 3.5\* mg/m<sup>3</sup>  
\*0.1 in presence of PAHs; See Pocket Guide Apps.A+C  
TLV: Long-term value: 3\* mg/m<sup>3</sup>  
\*inhalable fraction

**ADDITIONAL INFORMATION:**

The lists that were valid during the creation were used as basis.

**PERSONAL PROTECTIVE EQUIPMENT:****EYE/FACE PROTECTION:** Goggles recommended during refilling.

**SKIN PROTECTION:** The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests, no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**RESPIRATORY PROTECTION:** In case of brief exposure or low concentrations, use respiratory filter device. In case of intensive or longer exposure, use respiratory protective device that is independent of circulating air.

**GENERAL HYGIENE CONSIDERATIONS:** Keep away from foodstuffs, beverages, and feed. Wash hands before eating, smoking, using the restroom and at the end of the workday.

**9. Physical & Chemical Properties**

<b>Appearance:</b>		<b>Flammability(solid/gas):</b>	Not applicable.
<b>Form:</b>	Liquid.	<b>Danger of Explosion:</b>	Not determined.
<b>Color:</b>	Silver gray.	<b>Explosive Limit-Lower (%):</b>	Not determined.
<b>Odor:</b>	Mild.	<b>Explosive Limit-Upper (%):</b>	Not determined.
<b>Odor Threshold:</b>	Not determined.	<b>Vapor Density:</b>	Heavier than air.
<b>pH value at 20 °C (68 °F):</b>	9; Not applicable.	<b>Vapor Pressure @20°C (68°F):</b>	23 hPa (17 mm Hg)
<b>Melting/Freezing Point:</b>	Undetermined.	<b>Relative Density:</b>	Not determined.
<b>Boiling Point/Range:</b>	> 158 °C (> 316 °F)	<b>Solubility (water):</b>	Fully miscible.
<b>Solids Content:</b>	63.9%	<b>Auto-Ignition Temperature:</b>	Product is not self-igniting.

<b>Flash Point:</b>	70°C (158°F)	<b>Decomposition Temperature:</b>	Not determined.
<b>Evaporation Rate:</b>	Slower than ether.	<b>Viscosity (kinematic):</b>	Not determined.
<b>Solvent Content:</b>		<b>Viscosity (dynamic):</b>	Not determined.
<b>Organic solvents:</b>	5.4%	<b>Partition COeff (n-octanol/water):</b>	Not determined.
<b>Water:</b>	30.6%	<b>Density @ 20°C (68°F):</b>	1.509 g/cm <sup>3</sup> (12.593 lbs/gal)
<b>VOC content:</b>	5.4%; <250 g/l	<b>VOC content:</b>	5.4% <250 g/l

## 10. Stability & Reactivity Information

### THERMAL DECOMPOSITION/CONDITIONS TO BE AVOIDED:

No decomposition if used according to specifications.

### POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reactions known.

### INCOMPATIBLE MATERIALS:

Strong acids and alkalis, bleach, strong oxidizers.

### CONDITIONS TO AVOID:

Do not store or use near sparks, flame, or other ignition sources.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Burning may yield carbon monoxide, carbon dioxide, oxides of nitrogen, and various hydrocarbons.

## 11. Toxicological Information

### PRIMARY IRRITANT EFFECT:

**on the skin:** No irritant effect.

**on the eye:** No irritant effect.

**Sensitization:** Sensitization possible through inhalation.

### ADDITIONAL TOXICOLOGICAL INFORMATION:

The product shows the following dangers according to internally approved calculation methods for preparations: Harmful.

### CARCINOGENIC CATEGORIES:

#### IARC (International Agency for Research on Cancer):

14808-60-7	Quartz (SiO <sub>2</sub> )	1
14807-96-6	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	2B
13983-17-0	Wollastonite, Calcium Silicate	3
1333-86-4	Carbon black	2B
7631-86-9	silicon dioxide, chemically prepared	3
1330-20-7	xylene	3
98-82-8	cumene	2B
100-41-4	ethylbenzene	2B
91-20-3	naphthalene	2B

#### NTP (National Toxicology Program):

14808-60-7	Quartz (SiO <sub>2</sub> )	K
98-82-8	cumene	R
91-20-3	naphthalene	R

**OSHA-Ca (Occupational Safety & Health Administration):** None of the ingredients is listed.

## 12. Ecological Information

### AQUATIC TOXICITY:

No further relevant information available.

### PERSISTENCE AND DEGRADABILITY:

No further relevant information available.

### BIOACCUMULATIVE POTENTIAL:

No further relevant information available.

### MOBILITY IN SOIL:

No further relevant information available.

### GENERAL NOTES:

Water hazard class 1 (self-assessment): Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage system.

### OTHER ADVERSE EFFECTS:

No further relevant information available.

### RESULTS OF PBT & vPvB ASSESSMENT:

**PBT:** Not applicable.

**vPvB:** Not applicable.

## 13. Disposal Consideration

### WASTE TREATMENT METHODS:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

### UNCLEAN PACKAGES:

Disposal must be made according to official regulations.

## 14. Transportation Information

### UN NUMBER:

**DOT, ADN, IMDG, IATA:** Not Regulated.

### UN PROPER SHIPPING NAME:

**DOT, ADN, IMDG, IATA:** Not Regulated.

**TRANSPORT HAZARD CLASS(es):**  
DOT, ADN, IMDG, IATA: Not Regulated.  
**PACKAGING GROUP:**  
DOT, IMDG, IATA: Not Regulated.  
**ENVIRONMENTAL HAZARDS:**  
Marine pollutant: No.  
**SPECIAL PRECAUTIONS FOR USER:**  
Not applicable.  
**TRANSPORT IN BULK ACCORDING TO ANNEX II of MARPOL 73/78 and the IBC Code:**  
Not applicable.  
**UN "MODEL REGULATION":**  
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#### 15. Regulatory Information

##### **SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE: SARA:**

**Section 355 (extremely hazardous substances):** None of the ingredients is listed.

##### **Section 313 (Specific toxic chemical listings):**

1336-21-6	ammonia
95-63-6 1,	1,2,4-trimethylbenzene
1330-20-7	xylene
98-82-8	cumene
100-41-4	ethylbenzene
91-20-3	naphthalene

**TSCA (Toxic Substances Control Act):** All ingredients are listed.

##### **PROPOSITION 65:**

##### **Chemicals known to cause cancer:**

14808-60-7	Quartz (SiO <sub>2</sub> )
1333-86-4	Carbon black
98-82-8	cumene
100-41-4	ethylbenzene
91-20-3	naphthalene

**Chemicals known to cause reproductive toxicity for females:** None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:** None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:** None of the ingredients is listed.

##### **CARCINOGENIC CATEGORIES:**

##### **EPA (Environmental Protection Agency)**

1330-20-7	xylene	I
98-82-8	cumene	D, CBD
100-41-4	ethylbenzene	D
91-20-3	naphthalene	C, CBD

##### **TLV (Threshold Limit Value established by ACGIH)**

14808-60-7	Quartz (SiO <sub>2</sub> )	A2
14807-96-6	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	A4
1333-86-4	Carbon black	A4
1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3
91-20-3	naphthalene	A4

##### **NIOSH-Ca (National Institute for Occupational Safety and Health)**

14808-60-7	Quartz (SiO <sub>2</sub> )
1333-86-4	Carbon black

#### 16. Other Information

##### **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
IATA: International Air Transport Association  
ACGIH: American Conference of Governmental Industrial Hygienists  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
VOC: Volatile Organic Compounds (USA, EU)  
Flam. Liq. 4: Flammable liquids, Hazard Category 4  
Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1  
Carc. 1A: Carcinogenicity, Hazard Category 1A

##### **DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising

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