

**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**  
**HAND GUARD / 1152**  
**SEPTEMBER 2012**  
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HEALTH	1
FIRE	2
REACTIVITY	0
P.P.E.	A

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

**SECTION 1 – Chemical and Company Identification**

**PRODUCT TYPE:** Aerosol  
**FORMULA:** Proprietary

**SECTION 2 – Composition on Ingredients**

CHEMICAL NAME	CAS #	% WT	313/ CHEM	SKIN	CARCINOGEN	PEL	TWA/ TLV
Isobutane	75-28-5	3-7	NO	NO	NO	N/E	800 ppm
Polydimethylsiloxane	63148-62-9	1-5	NO	NO	NO	N/E	N/E
Propylene Glycol	57-55-6	1-5	NO	NO	NO	N/E	N/E
Triethanolamine	102-71-6	1-5	NO	NO	NO	N/E	N/E
Isopropyl Myristate	110-27-0	1-5	NO	NO	NO	N/E	N/E
Propane	74-98-6	0.5-1.5	NO	NO	NO	1000ppm	1000ppm
Sorbitol	50-70-4	1-5	NO	NO	NO	N/E	N/E

**SECTION 3 – Hazards Information****PRIMARY ROUTES OF ENTRY & EFFECTS OF OVEREXPOSURE:**

**EYE CONTACT:** May cause irritation.  
**SKIN CONTACT:** No known effect.  
**INHALATION:** Inhalation of solvents may cause irritation. Inhalation of propellant in large enough amounts is a simple asphyxiant.  
**INGESTION:** Can cause gastrointestinal irritation, headache, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause pulmonary injury.

**SECTION 4 – First Aid Measures**

**EYES:** Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.  
**SKIN:** If, in rare cases, allergic reaction occurs, wash with soap and water. If irritation persists seek medical attention.  
**INHALATION:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.  
**INGESTION:** Do not induce vomiting. Seek medical attention immediately.

**SECTION 5 – Fire Fighting Measures**

**FLASH POINT (of Concentrate Only):** Not Available  
**FLAMMABILITY (as per USA Flame Projection Test):** Non-Flammable Spray  
**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, Dry Media  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing. Cool fire-exposed containers to prevent rupturing.  
**UNUSUAL FIRE & EXPLOSIVE HAZARDS:** Exposure to temperature above 120°F may cause bursting.

**SECTION 6 – Accidental Release Measures**

**STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:** Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources, and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

**SECTION 7 – Handling and Storage**

**KEEP OUT OF REACH OF CHILDREN.** For Industrial and Institutional use only. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120°F.  
**NFPA CODE 30B RATING:** Level 1 Aerosol

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

**RESPIRATORY PROTECTION:** None needed for proper use in accordance with label directions.  
**VENTILATION:** Provide local exhaust to keep air concentrations of ingredients listed in Section 2 below acceptable limits.  
**PROTECTIVE GLOVES:** None.  
**EYE PROTECTION:** Wear safety glasses or chemical proof goggles.

**SECTION 9 – Physical and Chemical Properties**

**DATA BELOW BASED ON AEROSOL CONCENTRATE ONLY:**  
**BOILING POINT:** ~212°F **VAPOR DENSITY (AIR=1):** >1  
**pH:** 8.0- 9.0 **SPECIFIC GRAVITY (H2O=1) @ 20°C:** 0.96- 1.00  
**SOLUBILITY IN WATER:** Complete **APPEARANCE/ODOR:** Fragrant, white cream  
**DATA BELOW BASED ON TOTAL CONTENTS:**  
**VAPOR PRESSURE OF CAN (psig@ 20°C):** 40-50 **TOTAL VOC %:** <10%

**SECTION 10 – Stability and Reactivity**

**STABILITY:** Material Stable  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**INCOMPATIBILITY:** Avoid contact with strong oxidizing agents.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Hydrocarbon Fumes, Smoke, Carbon Dioxide, Carbon Monoxide.

**SECTION 11 – Toxicological Information**

No specific toxicological data are available for this product. Please refer to Section 3 for information on potential health effects.

**SECTION 12 – Ecological Information**

No specific ecological data are available for this product. Refer to Section 6 for information regarding spills and Section 15 for regulatory information.

**SECTION 13 – Disposal Consideration**

**WASTE DISPOSAL METHOD:** Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

**THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.**  
**NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.**

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**SECTION 14 – Transport Information**

DOT HAZARD CLASS: Consumer Commodity, ORM-D

**SECTION 15 – Regulatory Information**

See Section 2.

**SECTION 16 – Other Information****KEY**

4 = Severe    3 = Serious    2 = Moderate    1 = Slight    0 = Minimal

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.

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