

**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****PROTECT-O-FLEX / 1728**

January 2013

PAGE 1

HEALTH	1
FIRE	3
REACTIVITY	0
P.P.E.	B

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	TLV-TWA
Petroleum Distillates Isoparaffinic Hydrocarbon Liquefied	8052-41-3	15-25	NO	NO	NO	500 ppm	100 ppm
Hydrocarbon Liquefied	64741-66-8	10-20	NO	NO	NO	N/E	281 ppm*
Petroleum Gas	68476-86-8	40-50	NO	NO	NO	1000 ppm	1000 ppm

\*Manufacturer's Recommended Exposure Limit (REL)-TWA

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

**EYES:** May cause moderate to severe irritation accompanied by stinging, tearing, redness, blurred vision, and pain.

**SKIN:** Frequent or prolonged contact may cause irritation and possibly dermatitis. May aggravate existing skin conditions.

**INHALATION:** Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, anesthesia, dizziness, headache, rapid breathing, narcosis, and other central nervous system effects, including unconsciousness and death.

**INGESTION:** Can cause gastrointestinal irritation, nausea, vomiting, diarrhea, and abdominal pain.

Aspiration of material into the lungs can cause severe pulmonary injury, possibly progressing to death.

**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:** 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):** 67°F (T.O.C.)

**FLAMMABILITY (as per CSMA Flame Projection Test):** Extremely 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 & EXPLOSION 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 3 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 concentration of Section 2 ingredients below acceptable limits.

**PROTECTIVE GLOVES:** Use chemical resistant gloves if hand contact will be made.

**EYE PROTECTION:** Always wear safety glasses or chemical proof goggles when working with chemicals.

**SECTION 9 – Physical and Chemical Properties**

**DATA BELOW BASED ON AEROSOL CONCENTRATE ONLY:**

**BOILING POINT:** 244°F **VAPOR DENSITY (AIR=1):** > 1

**pH:** N/A **SPECIFIC GRAVITY (H<sub>2</sub>O=1) @ 70°F:** 0.848

**SOLUBILITY IN WATER:** Insoluble **APPEARANCE/ODOR:**

Dark brown liquid, petroleum solvent odor

**DATA BELOW BASED ON TOTAL CONTENTS:**

**VAPOR PRESSURE OF CAN (psig@ 72°F):** 50 **TOTAL VOC %:** 76.33%

**SECTION 10 – Stability and Reactivity**

**STABILITY:** Material stable.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**INCOMPATIBILITY:** Avoid contact with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide, Carbon Monoxides, Aldehydes

**SECTION 11 – Toxicological Information**

No data available.

**SECTION 12 – Ecological Information**

No data available.

**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.

**SECTION 14 – Transport Information**

**D.O.T. SHIP DESCRIPTION:** Consumer Commodity: ORM-D

**SECTION 15 – Regulatory Information**

**HMS RATING (Based on Aerosol Concentration):**

Health: 1, Flammability: 3, Physical Hazard: 0, Personal Protection: B (Safety glasses and gloves)

0 – Minimal 1 – Slight 2 – Moderate 3 – Serious 4 – Extreme

N/A = Not Applicable N/E = Not Established N/D = Not Determined <=Less than >=More Than

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.**

**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****PROTECT-O-FLEX / 1728****January 2013****PAGE 2**

HEALTH	1
FIRE	3
REACTIVITY	0
P.P.E.	B

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

**SECTION 16 – Other Information**

**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.

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.**