

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**EXPANDO / 1474****DECEMBER 2009****PAGE 1**

HEALTH	2
FIRE	2
REACTIVITY	1
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
Liquified Petroleum Gas	N/A	10-30	NO	NO	NO	1000ppm	1000ppm
4,4'-Diphenylmethane Diisocyanate (MDI)	101-68-8	5-10	YES	YES	NO	0.020ppm*	0.005ppm
Higher Oligomers of MDI	9016-87-9	5-10	NO	NO	NO	N/E	N/E
Urethane Pre-Polymer Blend (proprietary non-hazardous blend)	N/A	60-100	NO	N/E	NO	N/E	N/E

*ceiling value

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

EYES: May be irritating to eyes. Foam contact can cause physical damage due to adhesive character.

SKIN: May cause localized irritation, reddening or swelling. Prolonged exposure may lead to sensitization and/or dermatitis.

INHALATION: May irritate mucous membranes with tightness in chest, coughing, or allergic asthma-like sensitivity. Extensive overexposure can lead to respiratory symptoms like bronchitis and pulmonary edema. These effects are usually reversible.

INGESTION: May cause irritation or mucous membranes in the mouth and digestive tract.

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. Get medical attention immediately.

SKIN: Use a rag to remove excess foam from skin and remove contaminated clothing. Use of a mild solvent, such as acetone (nail polish remover) or mineral spirits, may help in removing uncured residue foam from clothing or other surfaces. (Avoid eye contact). Cured foam may be removed by persistent washing with soap and water. If irritation develops, use mild skin cream. 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. Drink 1 to 3 glasses of water. Seek medical attention immediately. Never give anything orally to an unconscious person.

SECTION 5 – Fire Fighting Measures

FLASH POINT (based on liquefied petroleum gas): -156°F

FLAMMABILITY (as per CSMA Flame Projection Test): Extremely Flammable Spray

EXTINGUISHING MEDIA: Foam, CO₂, Dry Media, Halon 1211

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. Cured foam is organic and, therefore, will burn in the presence of sufficient heat, oxygen and ignition.

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Uncured foam is very sticky. Remove immediately using acetone or mineral spirits with a rag. Once foam has cured, it can be physically removed by scraping, sanding, etc. Dispose of plastic waste (foam plastic) 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 2 Aerosol

SECTION 8 – Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: None needed for proper use in accordance with label directions. Wear a NIOSH/MSHA approved respirator with organic vapor cartridges if recommended exposure level is exceeded.

VENTILATION: Provide local exhaust to keep air concentrations of Section 2 ingredients below acceptable limits.

PROTECTIVE GLOVES: Use chemical resistant gloves and forearm coverings, such as a long sleeved shirt.

EYE PROTECTION: Wear safety glasses or chemical proof goggles.

SECTION 9 – Physical and Chemical Properties**DATA BELOW BASED ON AEROSOL CONCENTRATE ONLY:**

BOILING POINT: >200°F **VAPOR DENSITY (AIR=1):** N/D

pH: N/A **SPECIFIC GRAVITY (H₂O=1) @ 70°F:** 1.1

SOLUBILITY IN WATER: Insoluble, reacts slowly with water during curing, liberates traces of CO₂

APPEARANCE/ODOR: Viscous liquid that foams to an offwhite to yellowish froth, characteristic odor during curing.

DATA BELOW BASED ON TOTAL CONTENTS:

VAPOR PRESSURE OF CAN (psig@ 72°F): >50 psig **TOTAL VOC %:** <25%

SECTION 10 – Stability and Reactivity

STABILITY: Material stable

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY: Avoid alcohols, strong bases or amines and metal compounds (such as small particle metal catalysts).

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen, and trace amounts of Hydrogen Cyanide.

SECTION 11 – Toxicological Information

No data available.

SECTION 12 – Ecological Information

No data available.

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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. HAZARD CLASS: Consumer Commodity: ORM-D

SECTION 15 – Regulatory Information

HMIS RATING (Based on Aerosol Concentration):

Health: 2 Fire:2 Reactivity: 1 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

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.

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