

**MATERIAL SAFETY DATA SHEET**  
COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

**SECTION I · PRODUCT IDENTIFICATION**

**Product Name:** Expandable Insulating Foam Sealant  
**Product Number:** 779  
**Product Type:** AEROSOL  
**Formula:** Proprietary  
**Supplier's Name:** Terand Industries, Inc.  
**Supplier's Address:** P.O. Box 667770, Pompano Beach, FL 33066  
**DOT Ship Description:** CONSUMER COMMODITY, ORM-D

**Date Prepared:** 4/7/2008

**Information Phone:** (954) 974-5440  
**Emergency Phone:** (800) 535-5053

**HMIS Rating (Based on Aerosol Conc.):**

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

<b>HEALTH:</b>	2
<b>FLAMMABILITY:</b>	2
<b>PHYSICAL HAZARD:</b>	1
<b>Personal Protection:</b>	B

**SECTION II · INGREDIENTS**

<b>CHEMICAL NAME</b>	<b>CAS #</b>	<b>%WT</b>	<b>313/Chem</b>	<b>Skin</b>	<b>Carcinogen</b>	<b>PEL</b>	<b>TLV-TWA</b>
Liquefied Petroleum Gas	N/A	10 - 30	NO	NO	NO	1000 ppm	1000 ppm
4,4'-Diphenylmethane Diisocyanate (MDI)	101-68-8	5 - 10	YES	YES	NO	0.020 ppm*	0.005 ppm
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 III · PHYSICAL DATA**

**Aerosol Concentrate:**  
**Boiling Point:** > 200°F  
**pH:** N/A  
**Appearance/Odor:** Viscous liquid that foams to an off-white to yellowish froth.  
**Specific Gravity (H<sub>2</sub>O=1)@70°F:** 1.1  
**Vapor Density(Air=1):** N/D  
**Solubility In Water:** Insoluble. Reacts slowly with water while curing; liberates traces of carbon dioxide.

**Total Contents:**

**Total VOC %:** < 25%      **Vapor Pressure (can; psig @72°F):** > 50 psig

**SECTION IV · FIRE AND EXPLOSION DATA**

**Flash Point:** -156°F (based on liquefied petroleum gas)      **Flammability (as per CSMA Flame Projection Test):** Extremely Flammable Spray  
**Extinguishing Media:** Foam, CO<sub>2</sub>, 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 and 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.

**SECTION V · REACTIVITY DATA**

**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 VI · STORAGE AND HANDLING**

**KEEP OUT OF REACH OF CHILDREN.**      **NFPA Code 30B Rating:** Level 2 Aerosol.  
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.

**SECTION VII · HEALTH AND FIRST AID**

**PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:**  
**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 of mucous membranes in the mouth and digestive tract.  
**FIRST AID PROCEDURES:**  
**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  
**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 VIII · SPECIAL PROTECTION DATA**

**Respiratory Protection:** None needed for proper use in accordance with label directions. Wear a NIOSH/ MSHA approved respirator with organic vapor cartridges if recommended  
**Ventilation:** Provide local exhaust to keep air concentrations of ingredients listed in Section II 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 IX · SPILL OR LEAK PROTECTION**

**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.  
**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.

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.