SECTION 1 - PRODUCT IDENTIFICATION / PREPARATION INFORMATION

Product Information
- Trade name: EXOAIR FLEX LEF FOAM SEALANT
- Product code: 584938FF700
- Supplier: Tremco Canada division
  220 Wicksteed Avenue
  Toronto, ON M4H 1G7
- Telephone: (416) 421-3300
- Emergency Phone: (613) 996-6666
- Product use: Coating

Preparation Information
- Prepared by: Sewnauth Raghunandan
- Date: 08/19/2014
- Telephone: (416) 421-3300

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview
Aerosol. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue. Vapor and/or mist may irritate nose and throat. May cause moderate irritation to the respiratory system. Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel.

Acute Potential Health Effects/ Routes of Entry
- Inhalation: May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue. Vapor and/or mist may irritate nose and throat. May cause moderate irritation to the respiratory system.
- Eyes: Vapor and/or mist may cause eye irritation. Direct contact may cause temporary redness and discomfort.
- Ingestion: May cause irritation to the mouth, throat and stomach. May cause gastrointestinal irritation, nausea, and vomiting.
- Skin: May cause mild irritation.

Aggravated Medical Conditions
Pre-existing eye, skin, liver, kidney, and respiratory disorders may be aggravated by exposure.

Chronic Health Effects
Propellants in product, such as propane and isobutane, are asphyxiants and can be anesthetic at high concentrations. Repeated overexposure to vapors and/or material may injure the liver, kidneys and respiratory system unless suitable engineering controls and/or personal protective equipment are used. Propellants in product, such as propane and isobutane, are asphyxiants and can be anesthetic at high concentrations.

Target Organs: Eye, Liver, Kidney

SECTION 3: HAZARDOUS INGREDIENTS
Material Safety Data Sheet

EXOAIR FLEX LEF FOAM SEALANT

Version 2.0

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<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight % Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymethylene polyphenyl isocyanate</td>
<td>9016-87-9</td>
<td>30.0 - 60.0</td>
</tr>
<tr>
<td>Methyl ether (Dimethyl ether)</td>
<td>115-10-6</td>
<td>5.0 - 10.0</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1.0 - 5.0</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>1.0 - 5.0</td>
</tr>
</tbody>
</table>

The ingredients listed above are hazardous as defined in the controlled products regulation. (CPR).

SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation: Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel.

Eye contact: Flush with water for at least 15 minutes while holding eye lids apart. Get medical attention immediately.

Skin contact: Clean area of contact thoroughly using soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

Ingestion: Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

SECTION 5: FIRE / EXPLOSION HAZARDS

Flash point: Not available.

Method: Not available.

Lower explosion limit: Not available.

Upper explosion limit: Not available.

Autoignition temperature: Not available.

Extinguishing media: If water fog is ineffective, use carbon dioxide, dry chemical or foam.


Protective equipment for firefighters: Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). Water may be used to cool containers to minimize pressure build-up.

Fire and explosion conditions: Extremely flammable vapors. Closed container, may burst when exposed to extreme heat. Vapor concentrations in enclosed areas may ignite explosively. Empty containers may contain ignitable vapors. Vapors may travel to sources of ignition and flashback. Contents under pressure. Do not puncture or incinerate. Do not expose to heat or store at temperatures above 100°F/38°C.

SECTION 6 - SPILLS / LEAKS / ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Remove sources of ignition immediately. Stop flow of material if safe to do so. Contain spill and keep out of water courses. Ventilate area.
SECTION 7 - HANDLING AND STORAGE

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Do not smoke, weld, generate sparks, or use flame near container. Store under dry warehouse conditions away from heat and all ignition sources. Keep away from heat and flame. Store below 100 F/38C. Do not store in direct sunlight. Do not puncture or incinerate aerosol containers, even when empty. Do not freeze.

SECTION 8 - PREVENTIVE MEASURES/EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection equipment
Respiratory protection : Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.

Hand protection : Use suitable impervious nitrile or neoprene gloves and protective apparel to reduce exposure.

Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.

Skin and body protection : Typical full cover clothing.

Protective measures : Use professional judgment in the selection, care, and use.

Engineering measures : Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use general ventilation and/or local exhaust to reduce the airborne contaminant concentration below the exposure limit listed in the MSDS

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Regulation</th>
<th>Limit</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymethylene polyphenyl isocyanate</td>
<td>9016-87-9</td>
<td>Ontario TWAEV: 0.005 ppm</td>
<td>ACGIH TWA: 0.005 ppm</td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>Ontario TWAEV: 1,000 ppm</td>
<td>ACGIH TWA: 1,000 ppm</td>
<td>ACGIH TWA: 1,000 ppm</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>ACGIH TWA: 1,000 ppm</td>
<td>Ontario TWAEV: 1,000 ppm</td>
<td>Ontario TWAEV: 1,900 mg/m3</td>
</tr>
</tbody>
</table>

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Liquid
Form : Aerosol
Odor : Solvent
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<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Heavier than air</td>
</tr>
<tr>
<td>Melting point/range</td>
<td>Not available.</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Boiling point/range</td>
<td>Not available.</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Negligible</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.99</td>
</tr>
<tr>
<td>% Volatile Weight</td>
<td>15 %</td>
</tr>
</tbody>
</table>

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid: Oxidizing agents.

SECTION 11 - TOXICOLOGICAL INFORMATION

No Data Available

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Disposal Method: Dispose according to all applicable regulations (hazardous household waste depot, or as liquid industrial waste for industrial product).

SECTION 14 - TRANSPORTATION / SHIPPING DATA

TDG:          , LIMITED QUANTITY, 0

CFR / DOT:    UN1950, Aerosols, 2.1, LTD QTY

IMDG:         UN1950, AEROSOLS, 2.1, LTD QTY

SECTION 15 - REGULATORY INFORMATION

North American Inventories:
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All components are listed or exempt from the TSCA inventory.
One or more components are listed on the NDSL.

Canadian Regulations:
WHMIS Classification: A, B5, D2B
This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

Other Regulations:
Regulatory VOC (less water and exempt solvent): 153 g/l

SECTION 16 - OTHER INFORMATION

HMIS Rating:

<table>
<thead>
<tr>
<th>Health</th>
<th>3</th>
<th>0 = Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>4</td>
<td>1 = Slight</td>
</tr>
<tr>
<td>Reactivity</td>
<td>1</td>
<td>2 = Moderate</td>
</tr>
<tr>
<td>PPE</td>
<td></td>
<td>3 = Serious</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 = Severe</td>
</tr>
</tbody>
</table>

Further information:
For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Sewnauth Raghunandan

Legend
ACGIH - American Conference of Governmental Hygienists
OSHA - Occupational Safety and Health Administration
DOT - Department of Transportation
PEL - Permissible Exposure Limit
DSL - Domestic Substance List
RCRA - Resource Conservation and Recovery Act
EPA - Environmental Protection Agency
STEL - Short Term Exposure Limit
HMIS - Hazardous Materials Information System
TLV - Threshold Limit Value
IARC - International Agency for Research on Cancer
TSCA - Toxic Substances Control Act
MSHA - Mine Safety Health Administration
TWA - Time Weighted Average
NDSL - Non-Domestic Substance List
V - Volume
NTP - National Toxicology Program
VOC - Volatile Organic Compound
IARC - International Agency for Research on Cancer
WHMIS - Workplace Hazardous Materials Information System

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