1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Turbo-Coat Acrylic Coating
PRODUCT DESCRIPTION: Acrylic conformal coating
PRODUCT CODE: 2108-12S
ACTIVE INGREDIENT(S): Acrylic Polymer (non-hazardous); n-Propyl acetate; Acetone

MANUFACTURER
Techspray, L.P.
1001 N.W. 1st Street
P.O. Box 949
Amarillo, TX 79107
Emergency Contact: Chemtrec
Emergency Phone: 1-800-858-4043
Service Number: 1-800-858-4043

2. HAZARDS IDENTIFICATION

HAZARD DESIGNATION
"F" - Highly flammable
R11 - Highly flammable.
"Xn" - Harmful
R20/21 - Harmful by inhalation and in contact with skin.

EMERGENCY OVERVIEW
IMMEDIATE CONCERNS: Flammable liquid and vapor. Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

POTENTIAL HEALTH EFFECTS
EYES: Substance causes substantial eye irritation.
SKIN: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).
INGESTION: Moderately toxic. May cause headaches and dizziness.
INHALATION: Harmful if inhaled. Prolonged or repeated inhalation may cause lung damage and/or central nervous system disturbances.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
EYES: Symptoms of overexposure include: stinging, tearing, redness and pain.
SKIN: Prolonged exposure causes redness, pain, drying and cracking of the skin.
INGESTION: For large amounts; abdominal pain, nausea and vomiting.
INHALATION: High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness).

3. COMPOSITION / INFORMATION ON INGREDIENTS
Turbo-Coat Acrylic Coating

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
<th>EINECS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic Polymer (non-hazardous)</td>
<td>5 - 15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>n-Propyl acetate</td>
<td>20 - 40</td>
<td>109-60-4</td>
<td>2036861</td>
</tr>
<tr>
<td>n-Heptane</td>
<td>5 - 15</td>
<td>142-82-5</td>
<td></td>
</tr>
<tr>
<td>Acetone</td>
<td>10 - 30</td>
<td>67-64-1</td>
<td>200-662-2</td>
</tr>
<tr>
<td>1-(2-Methoxy-Methyl-ETHoxy)-2-Propanol Acetate</td>
<td>1 - 5</td>
<td>88917-22-0</td>
<td></td>
</tr>
<tr>
<td>1,1,1,2-Tetrafluoroethane</td>
<td>30 - 50</td>
<td>811-97-2</td>
<td>212-337-0</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Do not induce vomiting. Give milk or water. Get immediate medical attention immediately.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** 1.4°C (35°F) TAG CC

**GENERAL HAZARD:** Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flash point.

**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

**HAZARDOUS COMBUSTION PRODUCTS:** Smoke, fumes and oxides of carbon.

**EXPLOSION HAZARDS:** Vapors may form explosive mixture with air.

**FIRE FIGHTING PROCEDURES:** Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Absorb the liquid and scrub the area with detergent and water. Pick up wash liquid with additional absorbent and place in a disposable container. Do not flush to sewer.

**GENERAL PROCEDURES:** Forms smooth, slippery surfaces on floors, posing an accident risk. Wear a self-contained breathing apparatus and appropriate personal protective equipment. (See Exposure Controls/Personal Protection Section). Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust.

7. HANDLING AND STORAGE

**HANDLING:** Ground and bond containers when transferring material.

**STORAGE:** Store in a cool place in original container and protect from sunlight. Keep away from heat and flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION
MATERIAL SAFETY DATA SHEET

Turbo-Coat Acrylic Coating

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>SupplierOEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ppm</td>
<td>mg/m³</td>
<td>ppm</td>
</tr>
<tr>
<td>n-Propyl acetate</td>
<td>TWA</td>
<td>200 ppm</td>
<td>200 ppm</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>250 ppm</td>
<td>250 ppm</td>
</tr>
<tr>
<td>n-Heptane</td>
<td>TWA</td>
<td>400 ppm</td>
<td>1600 mg/m³</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>500 ppm</td>
<td>2000 mg/m³</td>
</tr>
<tr>
<td>Acetone</td>
<td>TWA</td>
<td>750 ppm²</td>
<td>1800 mg/m³²</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>1000 ppm²</td>
<td>2400 mg/m³²</td>
</tr>
<tr>
<td>1,1,1,2-Tetrafluoroethane</td>
<td>TWA</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

OSHA TABLE COMMENTS:
1. NL = Not Listed
2. * (AEL)=Acceptable Exposure Limit as established by the manufacture

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.

SKIN: The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Viton, Solvex, Butyl, Buna, Neoprene.

RESPIRATORY: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator’s use.

WORK HYGIENIC PRACTICES: Avoid contact with eyes. Avoid fume inhalation. Limit skin contact.

OTHER USE PRECAUTIONS: Emergency shower and eyewash facility should be in close proximity.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Boiling Point (°C)</th>
<th>Freezing Point (°C)</th>
<th>Solubility in Water</th>
<th>Specific Gravity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1,1,2-Tetrafluoroethane</td>
<td>-26.4</td>
<td>-101</td>
<td>NEGLIGIBLE</td>
<td>1.21</td>
</tr>
</tbody>
</table>

PHYSICAL STATE: Liquid
Turbo-Coat Acrylic Coating

ODOR: Characteristic odor.
APPEARANCE: Clear, Colorless liquid
PERCENT VOLATILE: 93.4 at 25°C (77°F)
VAPOR PRESSURE: 14.52 mmHg@20°C (VOC Composite Vapor Pressure)
VAPOR DENSITY: > 1 (Air=1)
BOILING POINT: 39.4°C (103°F)

Notes: Initial boiling point
FLASHPOINT AND METHOD: 1.4°C (35°F) TAG CC
SOLUBILITY IN WATER: Negligible
EVAPORATION RATE: > 1 (n-Butyl Acetate=1)
DENSITY: 0.834 at 25°C (77°F)
VISCOSITY #1: 10 to 20 Centipoise at 25°C (77°F)
(VOC): 33.240 % by weight

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.
POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Heat, flames, ignition sources, and incompatables.

11. TOXICOLOGICAL INFORMATION

ACUTE

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ORAL LD&lt;sub&gt;50&lt;/sub&gt; (rat)</th>
<th>DERMAL LD&lt;sub&gt;50&lt;/sub&gt; (rabbit)</th>
<th>INHALATION LC&lt;sub&gt;50&lt;/sub&gt; (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Propyl acetate</td>
<td>9370 mg/kg</td>
<td>&gt; 20 ml/kg</td>
<td>8000 ppm</td>
</tr>
<tr>
<td>Acetone</td>
<td>5800 mg/kg</td>
<td>20 g/kg</td>
<td>50100 ppm</td>
</tr>
<tr>
<td>1,1,1,2-Tetrafluoroethane</td>
<td></td>
<td></td>
<td>&gt; 500000 ppm</td>
</tr>
</tbody>
</table>

EYES: 20 mg

Notes: Irritation eye rabbit, severe

DERMAL LD<sub>50</sub>: > 20 mg/kg (rabbit)
ORAL LD<sub>50</sub>: 9370 mg/kg (rat)
INHALATION LC<sub>50</sub>: 8000 ppm, 4-hour

EYE EFFECTS: High vapor concentrations may cause moderate to severe eye irritation.

SKIN EFFECTS: The mixture is a mild to severe skin irritant but is not a skin sensitizer in animals.

CARCINOGENICITY
Turbo-Coat Acrylic Coating

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>NTP Status</th>
<th>IARC Status</th>
<th>OSHA Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Propyl acetate</td>
<td>NOT LISTED</td>
<td>NOT LISTED</td>
<td>NOT LISTED</td>
</tr>
<tr>
<td>Acetone</td>
<td>NOT LISTED</td>
<td>NOT LISTED</td>
<td>NOT LISTED</td>
</tr>
<tr>
<td>1,1,1,2-Tetrafluoroethane</td>
<td>NOT LISTED</td>
<td>NOT LISTED</td>
<td>NOT LISTED</td>
</tr>
</tbody>
</table>

IARC: NOT listed
NTP: NOT listed
OSHA: NOT listed

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Oxygen Demand Data- (information for n-Propyl Acetate) BOD-5: 134 g oxygen/g ThOD: 2.04 g oxygen/g

ECOTOXICOCOLOGICAL INFORMATION: Rainbow trout LC50=5540 mg/L/96H, Static conditions, 11-13 degrees C, Fathead Minnow LC50=7280 - 8120 mg/L/96H Flow-through conditions, Bluegill LC50 = 8300 mg/L/96H

13. DISPOSAL CONSIDERATIONS

GENERAL COMMENTS: Dispose of in a manner consistent with federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: CONSUMER COMMODITY ORM-D
UN/NA NUMBER: NA
PACKING GROUP: NA

ROAD AND RAIL (ADR/RID)

KEMLER NUMBER: UN1950
HAZARD CLASS: 2.1

AIR (ICAO/IATA)

SHIPPING NAME: CONSUMER COMMODITY ID8000
UN/NA NUMBER: ID8000
PRIMARY HAZARD CLASS/DIVISION: 9
PACKING GROUP: NA

VESSEL (IMO/IMDG)

SHIPPING NAME: AEROSOLS IN LIMITED QUANTITIES OF CLASS 2
UN/NA NUMBER: UN1950
PRIMARY HAZARD CLASS/DIVISION: 2.1
PACKING GROUP: NA

NOTE: Page 2102
15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: IMMEDIATE / DELAYED

FIRE: Yes  ACUTE: Yes  CHRONIC: Yes

EPCRA SECTION 313 SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>10 - 30</td>
<td>67-64-1</td>
</tr>
</tbody>
</table>

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Acetone (67-64-1)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CERCLA RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>10 - 30</td>
<td>5000 lbs.</td>
</tr>
</tbody>
</table>

REPORTABLE SPILL QUANTITY: 5000 lbs.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>1,1,1,2-Tetrafluoroethane</td>
<td>811-97-2</td>
</tr>
</tbody>
</table>

TSCA STATUS: All chemicals in this product are listed in the TSCA inventory.

CLEAN AIR ACT

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1,1,2-Tetrafluoroethane</td>
<td>30 - 50</td>
<td>811-97-2</td>
</tr>
</tbody>
</table>

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: None of the chemicals in this product are considered highly hazardous by OSHA.

CALIFORNIA PROPOSITION 65: This product does not contain any chemicals known to the State of California to cause cancer.

RCRA STATUS: U002 D001


CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

WHMIS CLASS: Class A, B5, D2B (Aerosol, Flammable Aerosol, Toxic Materials)
MATERIAL SAFETY DATA SHEET

Date Issued: 04/08/2008
MSDS No: 2108-12S
Date Revised: 07/25/2012
Revision No: 3

Turbo-Coat Acrylic Coating

EUROPEAN COMMUNITY

EEC LABEL SYMBOL AND CLASSIFICATION

"F" - Highly flammable
R11 - Highly flammable.

"Xn" - Harmful
R20/21 - Harmful by inhalation and in contact with skin.

GENERAL COMMENTS: 1,1,1,2-tetrafluoroethane is subject to U.S. Environmental Agency Clean Air Act Regulations, (40CFR Part 82).

16. OTHER INFORMATION

APPROVED BY: Pierce A. Pillon TITLE: Chemist

REVISION SUMMARY: This MSDS replaces the 07/14/2009 MSDS.

HMIS RATING

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3</td>
<td>1</td>
<td></td>
</tr>
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</table>

NFPA CODES

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