IDENTIFICATION

PRODUCT NAME: ADHL-VAPOR / Epoxy Moisture suppression system

MANUFACTURER/SUPPLIER: Adhesiveslab
235 Rayette Rd, Unit #4
Concord, Ontario Canada L4K 2G1

24 HOUR EMERGENCY NUMBER: 1-800-340-7697

APPLICATION AND USE: Clear Epoxy Moisture Suppression Coating

PRODUCT DESCRIPTION: Two-component 100% solids Clear Epoxy Coating (epoxy resin blend)

HAZARDS IDENTIFICATION

GHS CLASSIFICATION
- Acute toxicity (oral): Category 4
- Skin corrosion/irritation: Category 2
- Skin sensitization: Category 1
- Chronic aquatic toxicity: Category 2

SIGNAL WORD: WARNING

HAZARD STATEMENTS
- H302 Harmful if swallowed
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H411 Toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS

PREVENTION
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray
- P264 Wash hands thoroughly after handling
- P272 Contaminated work clothing should not be allowed out of the workplace
- P280 Wear protective gloves/protective clothing/eye protection/face protection

RESPONSE
- P332 + P313 If skin irritation occurs: Get medical advice/attention
- P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention
- P362 Take off contaminated clothing and wash before reuse

STORAGE
- P403 + P233 Store in a well ventilated place. Keep container tightly closed.

DISPOSAL
- P501 Dispose of contents/container in accordance with local/regional/national/international regulation
SAFETY DATA SHEET

FIRST-AID MEASURES

EYE CONTACT ........................................
- Do not rub your eyes.
- Flush eyes immediately with large amounts of running water for at least 15 minutes while holding eyelids open until irritation subsides. Do not attempt to neutralize with chemical agents. Obtain medical attention immediately.

SKIN CONTACT .................................
- Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- Laundering enough contaminated clothing before reuse.
- Go to the hospital immediately if symptoms (flare, irritate) occur.
- Wash thoroughly after handling.
- Wash immediately with plenty of soap and water. Remove and clean all contaminated clothing and launder before reuse.

INHALATION ......................................
- When exposed to large amounts of steam and mist, move to fresh air.
- Take specific treatment if needed.
- In the case of overexposure, remove to fresh air. Get medical attention if the victim is in respiratory distress

INGESTION ......................................
- About whether I should induce vomiting Take the advice of a doctor
- Rinse your mouth with water immediately.
- If swallowed, drink two glasses of water. Do not induce vomiting. The material is corrosive. Do not give anything to mouth to an unconscious person. Get prompt medical attention.

ADDITIONAL INFORMATION ..................
- Not available.

MOST IMPORTANT SYMPTOMS/ EFFECTS, ACUTE OR DELAYED ..........................
- Notify medical personnel of contaminated situations and have them take appropriate protective measures.

FIRE-FIGHTING MEASURES

GENERAL FIRE HAZARDS .................
- Combustible liquid; may release vapours that form combustible mixtures at or above the flash point. Toxic gases will form upon combustion.

COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>C.A.S. #</th>
<th>Weight</th>
<th>LC/50, Route, Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4'-isopropylidenediphenol-Epichlohydrin copolymer</td>
<td>25068-38-6</td>
<td>50-70</td>
<td>30g/kg (Oral/Rat)</td>
</tr>
<tr>
<td>Formaldehyde, polymer with (chloromethyl) oxirane-phenol</td>
<td>9003-36-5</td>
<td>25-35</td>
<td>N/A</td>
</tr>
<tr>
<td>2-Methylphenyl Glycidyl Ether</td>
<td>2210-79-9</td>
<td>3-5</td>
<td>4000mg/kg(Rat-Oral) &gt;2000mg/kg(Rabbit-Skin)</td>
</tr>
</tbody>
</table>
SUITEABLE EXTINGUISHING MEDIA .........  - Dry chemical, carbon dioxide, regular foam extinguishing agent, spray
UNSUITABLE EXTINGUISHING MEDIA ......  - Avoid use of water jet for extinguishing
SPECIAL PROTECTION EQUIPMENT FOR FIRE FIGHTERS .............................  - Notify your local firestation and inform the location of the fire and characteristics hazard.
- Using a unattended and water devices in case of large fire and leave alone to burn if you do not imperative.
- Avoid inhalation of materials or combustion by-products.
- Do not access if the tank on fire.
- Use appropriate extinguishing measure suitable for surrounding fire.
- Keep containers cool with water spray.
- Vapour or gas is burned at distant ignition sources can be spread quickly.
- Carbon dioxide, and carbon monoxide, various hydrocarbons, phenol.

HAZARDOUS COMBUSTION PRODUCTS ... - Must work against the wind, let the upwind people to evacuate.
- Move container to safe area from the leak area.
- Remove all sources of ignition.
- Do not direct water at spill or source of leak.
- Avoid skin contact and inhalation.

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES .............................. - Prevent runoff and contact with waterways, drains or sewers.
- If large amounts have been spilled, inform the relevant authorities.

ENVIRONMENTAL PRECAUTIONS ............ - Large spill: stay upwind and keep out of low areas. Dike for later disposal.
- Notification to central government, local government. When emissions at least of the standard amount.
- Dispose of waste in accordance with local regulation.
- Appropriate container for disposal of spilled material collected.
- Small leak: sand or other non-combustible material, please let use absorption.
- Wipe off the solvent.
- Dike for later disposal.
- Prevent the influx to waterways, sewers, basements or confined spaces.

CONTAINMENT AND CLEAN UP ............. - Wash thoroughly after handling.
- Avoid direct physical contact.
- Avoid contact with incompatible materials.

HANDLING AND STORAGE
EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:
DIPROPYLENE GLYCOL METHYL ETHER … - Not available

APPROPRIATE ENGINEERING CONTROL …….- A system of local and/or general exhaust is recommended to keep employee exposure above the Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. The use of local exhaust ventilation is recommended to control emissions near the source.

PERSONAL PROTECTIVE EQUIPMENT:

EYE / TYPE ................................. -Wear primary eye protection such as splash resistant safety goggles with a secondary protection face shield.
- Provide an emergency eye wash station and quick drench shower in the immediate work area.

RESPIRATORY PROTECTION .................. -Under conditions of frequent use or heavy exposure, Respiratory protection may be needed.
- Respiratory protection is ranked in order from minimum to maximum.
- Consider warning properties before use.
- Any chemical cartridge respirator with organic vapour cartridge(s).
- Any chemical cartridge respirator with a full facepiece and an organic vapour cartridge(s).
- Any air-purifying respirator with a full facepiece and an organic vapour canister.
- For unknown Concentration or Immediately Dangerous to Life or Health: Any supplied-air respirator with full facepiece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply. Any self-contained breathing apparatus with a full facepiece.

SKIN PROTECTION/ GLOVES/ CLOTHING ........................................ -Wear appropriate glove.
OTHER/TYPE ................................. -Wear appropriate clothing
PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Specific Gravity: 1.17
Solubility in Water: Insoluble
Boiling Point: n/av
Freezing/Melting Point: n/av
Viscosity: 600 cps @ 23°C (73°F)
Evaporation Rate: n/av
Volatile: (voc): zero%
Vapour Density: 0.1 hPa @ 20°C
Odour: characteristic
Appearance: Clear Amber Liquid

STABILITY AND REACTIVITY

REACTIVITY
-Hazardous Polymerization will not occur

CHEMICAL STABILITY
-This material is stable under recommended storage and handling conditions.
-Hazardous Polymerization will not occur.

POSIBILITY OF HAZARDOUS REACTIONS:
-Avoid contact with incompatible materials and conditions.
-Avoid: Accumulation of electrostatic charges, Heating, Flames and hot surfaces.

CONDITIONS TO AVOID

INCOMPATIBLE MATERIALS
-Not available

HAZARDOUS DECOMPOSITION PRODUCTS
-May emit flammable vapour if involved in fire.

ECOLOGICAL INFORMATION

AQUATIC TOXICITY
-no data available

PERSISTENCE AND DEGRADABILITY
-no data available

EFFECT OF OVEREXPOSURE

INHALATION
Do not heat the material. Vapours or mist generated from heating the material or as from exposure in poorly ventilated areas are irritating and cause nasal discharge. Coughing and discomfort in nose and throat. Prolonged or repeated overexposure may result in lung damage.

EYES
Cause irritation, experienced as pain, with excess blinking and tear production, and seen as extreme redness and swelling of the eye and chemical burns of the eye.

SKIN
Causes severe skin irritation with pain, excess redness and swelling with chemical burns. It may cause skin sensitization. Other than the potential skin irritation, effects noted above acute (short term) adverse effects are not expected from brief skin contact.

INGESTION
Acute (brief exposure): Low toxicity causes irritation. Chronic (prolonged exposure): causes burning of mouth, throat, and stomach with abdominal and chest pain, nausea, vomiting, diarrhea, thirst and weakness.
TRANSPORTATION INFORMATION

TDG CLASSIFICATION .................. Not regulated
UN No. (IMDG).......................... Non Hazmat
Proper shipping name............... Non Hazmat
Hazard Class........................ Non Hazmat
IMDG Packing group............... Non Hazmat

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