MSDS
ADHL-LABFLEX

IDENTIFICATION

PRODUCT NAME: ADHL-LABFLEX/ Flexible Urethane-Modified Epoxy Coating

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

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

APPLICATION AND USE: Flexible Epoxy Urethane Floor Paint
PRODUCT DESCRIPTION: Two-component 100% solid 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
- 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

RESPONSE
- 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
- 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
- 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
- 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.

FIRST AID
- P301 + P312: IF Swallowed: Call a POISON CENTRE or doctor/physician if you feel unwell
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
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.
- Launder 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.
- 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>LD/50, Route, Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diglycidyl Ether of Bisphenol-A Epoxy</td>
<td>25068-38-6</td>
<td>50-80</td>
<td>LD50-30g/kg(Oral-Rat)</td>
</tr>
<tr>
<td>Alkyl (C12-C14) Glycidyl Ether</td>
<td>68609-97-2</td>
<td>2-10</td>
<td>LD50-N/A</td>
</tr>
<tr>
<td>Alkyl Phenol Polyisocyanate</td>
<td>trade secret</td>
<td>10-40</td>
<td>4500mg/kg/Skin/Rabbit</td>
</tr>
<tr>
<td>Trimethylolpropane Triacrylate</td>
<td>15625-89-5</td>
<td>1-15</td>
<td>5190 mg/kg (Oral/Rat)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>LD50 (Rat-Oral) 6600 mg/kg</td>
</tr>
</tbody>
</table>
ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES
- 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.

ENVIRONMENTAL PRECAUTIONS
- Prevent runoff and contact with waterways, drains or sewers
- If large amounts have been spilled, inform the relevant authorities.

CONTAINMENT AND CLEAN UP
- 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

HAZARDOUS COMBUSTION PRODUCTS
- Carbon dioxide, and carbon monoxide, various hydrocarbons, phenol.

SUITABLE 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.

HANDLING AND STORAGE
PRECAUTIONS FOR SAFE HANDLING
- Wash thoroughly after handling
- Avoid direct physical contact
- Avoid contact with incompatible materials.
CONDITIONS FOR SAFE STORAGE .......
- Refer to Engineering controls and personal protective equipment.
- Do not inhale the steam prolonged or repeated.
- Do not use damaged containers
- Do not apply direct heat
- Save applicable laws and regulations.
- Avoid direct sunlight
- Keep in the original container.
- Collected them in sealed container.
- Do not eat, drink or smoke when using this product.
- Store away from water and sewer.

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.44</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>142° C</td>
</tr>
<tr>
<td>Freezing/Melting Point</td>
<td>n/av</td>
</tr>
<tr>
<td>Viscosity</td>
<td>1500 cps @ 23°C (73°F)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>0.75</td>
</tr>
<tr>
<td>Volatile: (voc)</td>
<td>less than 10 %</td>
</tr>
<tr>
<td>Vapour Density</td>
<td>n/av</td>
</tr>
<tr>
<td>Odour</td>
<td>Solvent Hydrocarbon</td>
</tr>
<tr>
<td>Appearance</td>
<td>Coloured Liquid</td>
</tr>
</tbody>
</table>

STABILITY AND REACTIVITY

- Reactivity
  - Hazardous Polymerization will not occur
- Chemical Stability
  - This material is stable under recommended storage and handling conditions.
- Possibility of Hazardous Reactions:
  - Hazardous Polymerization will not occur.
  - Avoid contact with incompatible materials and conditions.
  - Avoid: Accumulation of electrostatic charges, Heating, Flames and hot surfaces.
- Incompatible Materials
  - Excessive heating. Avoid contact with strong acids and alkalis
- Hazardous Decomposition Products
  - May emit flammable vapour if involved in fire.

ECOLOGICAL INFORMATION

- Aquatic Toxicity
  - No data available
- Persistence and Degradability
  - No data available
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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