IDENTIFICATION

PRODUCT NAME: ADHL-RED / Safety Red Epoxy 1 COAT

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

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

APPLICATION AND USE: Epoxy Floor Coating

PRODUCT DESCRIPTION: Two-component 100% solids Epoxy Line Paint (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
- 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

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.
- Not available.

**ADDITIONAL INFORMATION** .................
- Notify medical personnel of contaminated situations and have them take appropriate protective measures.

**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>Diglycidyl Ether of Bisphenol-A Epoxy</td>
<td>25068-38-6</td>
<td>60-100</td>
<td>30g/kg/Oral/rat</td>
</tr>
<tr>
<td>Alkyl (C12-C14) Glycidyl Ether</td>
<td>68609-97-2</td>
<td>3-10</td>
<td>31.6ml/kg/Oral/Rat</td>
</tr>
<tr>
<td>Lead Sulphochromate Yellow</td>
<td>1344-37-2</td>
<td>1-10</td>
<td>&gt;2000 mg/Kg</td>
</tr>
</tbody>
</table>

**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.
### 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

### HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING**
- Wash thoroughly after handling
- Avoid direct physical contact
- Avoid contact with incompatible materials
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
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.

PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Physical State: Liquid</td>
<td></td>
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<tr>
<td>Specific Gravity: 1.65</td>
<td></td>
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<tr>
<td>Solubility in Water: Insoluble</td>
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<tr>
<td>Boiling Point: n/av</td>
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<tr>
<td>Freezing/Melting Point: n/av</td>
<td></td>
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<tr>
<td>Viscosity: 3000 cps @ 23°C (73°F)</td>
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<tr>
<td>Evaporation Rate: n/av</td>
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<tr>
<td>Volatile: (voc): less than 1 %</td>
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<tr>
<td>Vapour Density: n/av</td>
<td></td>
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<tr>
<td>Odour: pleasant citric odour</td>
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<tr>
<td>Appearance: Coloured Liquid</td>
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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.

CONDITIONS TO AVOID -Avoid contact with incompatible materials and condition.

-Excessive heating. Avoid contact with strong acids and alkalis

INCOMPATIBLE MATERIALS -May emit flammable vapour if involved in fire.

HAZARDOUS DECOMPOSITION PRODUCTS

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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