SECTION 1 – PRODUCT AND COMPANY INFORMATION

MANUFACTURER: CHEMTEC
913 Michelin
Laval, Québec
J7L-5B6

HMIS RATING
HEALTH: ……………….2
FLAMMABILITY: …………1
PHYSICAL HAZARD: …0

PRODUCT NAME: CHEM 100 PREMIUM, Part B (Top Coat Epoxy)
PRODUCT CODE: FF-LP40-B
MATERIAL USE: Floor coating
CHEMICAL FAMILY: Modified cycloaliphatic amine
WHMIS CLASSIFICATION: D2B, E
EMERGENCY CONTACT: 1-450-629-1717 (Chemtec)

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>%</th>
<th>Exposure Limit</th>
<th>CAS #</th>
<th>LD50</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyoxypropylene diamine</td>
<td>5-25%</td>
<td>N/A</td>
<td>Trade secret</td>
<td>3000 mg/kg (skin)</td>
<td>N/A</td>
</tr>
<tr>
<td>Cyclic amine</td>
<td>&lt;15%</td>
<td>N/A</td>
<td>Trade secret</td>
<td>N/A</td>
<td>&lt;1 ppm 5 mg/l</td>
</tr>
<tr>
<td>Aliphatic diamine</td>
<td>5-30%</td>
<td>N/A</td>
<td>Trade secret</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Amine adduct</td>
<td>5%-45%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>1-12%</td>
<td>45 mg/m3, 10ppm</td>
<td>100-51-6</td>
<td>2,000 mg/kg (skin)</td>
<td>&gt;4.2 mg/l</td>
</tr>
</tbody>
</table>

SECTION 3 – HAZARDS IDENTIFICATION

ROUTE OF ENTRY: Skin-yes; eyes-yes; inhalation-yes; ingestion-yes
SKIN CONTACT: May causes skin irritation. Avoid skin contact
EYE CONTACT: May cause eye irritation. Avoid eye contact
INHALATION: Avoid inhalation
INGESTION: Do not ingest

SECTION 4 – FIRST AID MEASURES

SKIN CONTACT: Remove contaminated clothing. Wash immediately with soap and water for 20-30 minutes. If symptoms persist, seek medical attention.
EYE CONTACT: Flush with water for 20-30 minutes. Retract eyelids often. If symptoms persist, seek medical attention.
INHALATION: If overexposure, remove person to fresh air. If symptoms persist, seek medical attention.
INGESTION: Prevent aspiration of vomit. Seek immediate medical attention.
NOTES TO PHYSICIAN: No additional remarks

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: >100°C
FLAMMABILITY LIMITS: N/A
AUTO IGNITION TEMPERATURE: N/A
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical and alcohol resistant foam
HAZARDOUS COMBUSTION PRODUCTS: Smoke, fume, oxides of carbon and nitrogen
FIRE-FIGHTING PROCEDURES: Firefighters should wear protective equipment as required

SECTION 6 – ACCIDENTAL RELEASE MEASURES

LEAK AND SPILL PROCEDURE: Avoid prolonged exposure. Spill should be contained with inert material and disposed into suitable retaining area. Small volumes of liquid may be contained or absorbed into an appropriate absorbent.
WASTE DISPOSAL: Keep away from all watercourses. Do not flush down storm or sanitary sewer. Dispose of in accordance with local, provincial and federal regulations.

SECTION 7 – HANDLING AND STORAGE

HANDLING PROCEDURES: Store in a ventilated area. Avoid inhalation. Hands should be washed with soap and plenty of water after contact with material. Do not drink or eat during work with material. If skin contact occurs, immediately wash thoroughly with plenty of soap and water. Solvents should not be used for cleaning the hands or skin, as they increase the penetration of the material into the skin.
STORAGE REQUIREMENTS: Storage requirements: Keep containers closed when not in use. Store in a cool, well-ventilated area. Do not handle or store near open flames, heat or other sources of ignition.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION REQUIREMENTS: Use product in well-ventilated areas
GLOVES: Neopren gloves or equivalent
CLOTHING: Shirts with long sleeves, long pants
RESPIRATORY: Not required if working area is well ventilated
EYE EQUIPMENT: Safety glasses, chemical resistant
**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

- **PHYSICAL STATE:** Liquid  
- **ODOUR:** Amine  
- **COLOR:** Clear  
- **SOLUBILITY IN WATER:** Soluble  
- **SPECIFIC GRAVITY:** Approx. 1 (water = 1)  
- **VAPOUR PRESSURE:** < 5hPa (50°C)  
- **VAPOR DENSITY:** N/A  
- **EVAPORATION RATE:** N/A  
- **pH:** 8-11  
- **COEFFICIENT OF WATER/OIL:** N/A  
- **FREEZING POINT:** N/A  
- **MELTING POINT:** N/A

**SECTION 10 – STABILITY AND REACTIVITY**

- **CHEMICAL STABILITY:** Yes - under normal conditions  
- **CONDITIONS TO AVOID:** Excess heat  
- **MATERIALS TO AVOID:** Avoid contact with oxidizing materials, acids, acrylates, metals, nitrites, ketones, hydrocarbons, aldehydes, alcohol  
- **HAZARDOUS PRODUCTS OF DECOMPOSITION:** Ammonia, amines, aromatic compounds, hydrocarbons, phenolics

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**Effects of Acute Exposure to Product**

- **ACUTE EYE:** May cause severe eye irritation  
- **ACUTE SKIN:** May cause skin irritation  
- **ACUTE INHALATION:** May cause irritation to respiratory tract  
- **ACUTE INGESTION:** Seek immediately medical assistance

**Effects of Chronic Exposure to Product**

No specific information available.

**SECTION 12 – ECOLOGICAL INFORMATION**

- **ECOTOXICITY:** Moderately toxic to aquatic organisms  
- **PRODUCTS OF DEGRADATION:** No appreciable biodegradation expected  
- **BIODEGRADABILITY:** Low bioconcentration potential
SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose in a suitable waste treatment facility in compliance with all federal, provincial and local regulations.

SECTION 14 – TRANSPORT INFORMATION

TDG

NAME: Amines liquids, corrosives, N.O.S.
UN NUMBER: UN 2735
HAZARD CLASS: 8
PACKING GROUP: III

Classification for SEA Transport (IMO-IMDG)

NAME: Amines liquids, corrosives, N.O.S.
UN NUMBER: UN 2735
HAZARD CLASS: 8
PACKING GROUP: III
MARINE POLLUTANT: No
Transport in bulk: N/A
according to Annex I or II
of MARPOL 73/78 and the
IBC or IGC Code

Classification for AIR Transport (IATA/ICAO)

NAME: Amines liquids, corrosives, N.O.S.
UN NUMBER: UN 2735
HAZARD CLASS: 8
PACKING GROUP: III
Special precautions: Can be shipped as LIMITED QUANTITY according to TDG

SECTION 15 – REGULATORY INFORMATION

WHMIS: D2B, E
CPR COMPLIANCE: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.
CONTACT INFORMATION: Chemtec 450-629-1717
PREPARED BY: Chemtec
PREPARATION DATE: July 10, 2014
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