

**SAFETY DATA SHEET**

**Floor Coating:** *CHEM 100 SUPREME Part B (Top Coat Epoxy)*

Last update: July 10, 2014

**SECTION 1 – PRODUCT AND COMPANY INFORMATION**

MANUFACTURER: CHEMTEC  
 913 Michelin  
 Laval, Quebec  
 H7L-5B6  
 Tel: 450-629-1717

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

PRODUCT NAME: CHEM 100 SUPREME Part B (Top Coat Ep  
 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**

Components	%	Exposure Limit	CAS #	LD50	LC50
Polyoxypropylene diamine	5-25%	N/A	Trade secret	3000 mg/kg (skin)	N/A
Cyclic amine	<15%	N/A	Trade secret	N/A	<1 ppm 5 mg/l
Aliphatic diamine	5-30%	N/A	Trade secret	N/A	N/A
Amine adduct	5%-45%	N/A	N/A	N/A	N/A
Benzyl alcohol	1-12%	45 mg/m <sup>3</sup> , 10ppm	100-51-6	2,000 mg/kg (skin)	>4.2 mg/l

**SECTION 3 – HAZARDS IDENTIFICATION**

ROUTE OF ENTRY: Skin-yes; eyes-yes; inhalation-yes; ingestion-yes  
 SKIN CONTACT: May cause 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

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**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 of 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 EQUIPEMENT:	Safety glasses, chemical resistant

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**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

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**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*.

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**SECTION 16 – OTHER INFORMATION**

CONTACT INFORMATION:

Chemtec 450-629-1717

PREPARED BY:

Chemtec

PREPARATION DATE:

July 10, 2014

DISCLAIMER:

Chemtec expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages. Users are responsible to verify whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product.

**CHEMTEC COATINGS**

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