SAFETY DATA SHEET (SDS)

Section 1. Identification

Product identifier | CHEM 1000 PREMIUM, Part B (Top Coat Polycarbamide)
Other means of identification | FF-LSEG1-B
Recommended use and restrictions on use | Floor Coating
Initial supplier identifier | Chemtec 913 Michelin Laval Québec (Canada) H7L-5B6 450-629-1717
Emergency telephone number/restriction on use | Canada – CANUTEC Number 24 hours 613-996-6666

Section 2. Hazard Identification

Classification of hazardous product (name of the category or subcategory of the hazard class)

Skin corrosion/irritation (Category 2)
Serious eye damage/eye irritation (Category 2B)
Skin sensitization (Category 1)
Acute toxicity, Inhalation (Category 4)
Sensitisation Respiratory (Category 1)
Specific target organ toxicity, single exposure, Respiratory track irritation (STOT, SE) (Category 3)
Specific target organ toxicity, repeated exposure (STOT, RE) (Category 2)

Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)

Warning
H315 + H320 Causes skin and eye irritation.
H317 May cause an allergic skin reaction.
H332 Harmful if inhaled
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 May cause respiratory irritation
H373 May cause damage to organs through prolonged or repeated exposure

Prevention
P260 + P261 Do not/Avoid breathing dust/fume/gas/mist/vapors/spray. P264 Wash hands/nails/face/eyes thoroughly after handling. P270 Do not eat, drink or smoke when using this product P271 Use only outdoors or in a well ventilated area P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear gloves/protection clothing/gloves/eye protection/face protection. P284 (In case of inadequate ventilation) wear respiratory protection.

Response
IF ON SKIN: P302 + P352 Wash with plenty of water. P332 + P313 If skin irritation occurs: get medical advice/attention P362 + P364 Take off contaminated clothing and wash it before reuse. IF INHALED: P304 + P340 Remove person to fresh air and keep comfortable for breathing. P312 Call a doctor if you feel unwell. P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor IF IN EYES: P305 + P351 + P338 Rinse cautiously with water. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical attention.

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

Disposal
P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Other hazards known | None

Section 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical name (common name/synonyms)</th>
<th>CAS number or other</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,6-Hexamethylene Diisocyanate Based Polyisocyanate</td>
<td>28182-81-2</td>
<td>&lt; 90 %</td>
</tr>
<tr>
<td>Aliphatic diisocyanate</td>
<td>822-06-0</td>
<td>&lt; 0,5 %</td>
</tr>
<tr>
<td>Aliphatic polyisocyanate</td>
<td>-----</td>
<td>&lt; 20 %</td>
</tr>
</tbody>
</table>

Section 4. First-Aid Measures

Inhalation | IF INHALED: If overexposure remove person to fresh air and keep comfortable for breathing. Administer oxygen or artificial respiration as needed. Asthmatic symptoms may develop and may be immediate or delayed up to several hours. Extreme asthmatic reactions can be life threatening. If symptoms persist, seek medical attention.

Ingestion | IF SWALLOWED: Immediately call a doctor. Prevent aspiration of vomit. Do not give anything by mouth to an unconscious
person. If symptoms persist, seek medical attention.

Skin contact

IF ON SKIN: Immediately take off contaminated clothing and shoes, wash immediately with soap and plenty of water (20 - 30 minutes). Use lukewarm water if possible. If skin irritation occurs: Get medical attention. Wash clothing before reuse. If symptoms persist, seek medical attention. For severe exposures, immediately get under safety shower and begin rinsing.

Eye contact

IF IN EYES: In case of contact, immediately rinse cautiously with water for several minutes (20 - 30 minutes). Use lukewarm water if possible. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Most important symptoms and effects (acute or delayed)

Almost all personnel. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8). Prevent the spill spread into drains, sewers, water supplies, or soil. Do not touch or walk through spilled material.

Methods and materials for containment and cleaning up

Avoid prolonged exposure. Stop leak if you can do it without risk. Spill should be contained with inert material and disposed of in accordance with local, provincial and federal regulations. Dispose of in accordance with local, provincial and federal regulations.

Section 8. Exposure Controls/Personal Protection

Control parameters (biological limit values or exposure limit values and source of those values)

Exposure limits: [ACGIH – TLV-TWA, CAS 28182-81-2: 0.5 mg/m³; CAS 822-06-0: 0.02 mg/m³]

Appropriate engineering controls

Use product in well-ventilated areas. Do not spray the product. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Supply emergency safety/quick-drench shower, eyewash station and washing facilities available in work area and near handling area. Where such systems are not effective, wear suitable personal protection equipment which performs satisfactorily and meets recognized standards.

Individual protection measures/personal protective equipment

Gloves: Neoprene gloves or equivalent; Clothing: Shirts with long sleeves, long pants; Respiratory: Not required if working area is well ventilated. Use a NIOSH approved respirator if the exposure limits are unknown; Equipment: Safety glasses, chemical resistant. Special instructions for protection and hygiene: Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use. Educate and train employees in the safe use and handling of this product. Follow all label instructions.

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Appearance, physical state/colour</th>
<th>Liquid</th>
<th>Vapour pressure</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odour</td>
<td>Faint odor</td>
<td>Vapour density</td>
<td>Not available</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not available</td>
<td>Relative density</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
<td>Solubility</td>
<td>Reacts</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>Not available</td>
<td>Partition coefficient - n-octanol/water</td>
<td>Not available</td>
</tr>
<tr>
<td>Initial boiling point/range</td>
<td>Not available</td>
<td>Auto-ignition temperature</td>
<td>Not available</td>
</tr>
</tbody>
</table>
Flash point | > 150°C | Decomposition temperature | Not available
Evaporation rate | Not available | Viscosity | Not available
Flammability (solids and gases) | Not available | VOC | Not available
Upper and lower flammability/explosive limits | Not available | Other | None known

Section 10. Stability and Reactivity

Reactivity
Stable under normal conditions.

Chemical stability
Yes, Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions
Non under normal conditions of storage and use.

Conditions to avoid (static discharge, shock or vibration)
Excess heat.

Incompatible materials
Acid, amine, humidity, alcohol, metal, oxidizing agents.

Hazardous decomposition products
Cyanate and isocyanate, acid, cyanogen, nitrile, hydrogen cyanide, carbon mono and dioxide.

Section 11. Toxicological Information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)
Causes skin and eye irritation. May cause an allergic skin reaction. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure.

Symptoms related to the physical, chemical and toxicological characteristics
No specific information available.

Delayed and immediate effects (chronic effects from short-term and long-term exposure)
Skin Sensitization – May cause allergic skin reaction. Skin disorders and Allergies. Respiratory Sensitization – No data available;
Germ Cell Mutagenicity – No data available; Carcinogenicity – No ingredient listed by IARC, ACGIH, NTP or OSHA; Reproductive Toxicity – No data available;
Specific Target Organ Toxicity — Single Exposure – No data available; Specific Target Organ Toxicity — Repeated Exposure – No data available;
Aspiration Hazard – No data available; Health Hazards Not Otherwise Classified – No data available.

Numerical measures of toxicity (ATE; LD₅₀ & LC₅₀)
CAS 28182-81-2: Acute Oral Toxicity: LD₅₀: > 5,000 mg/kg (rat) Estimated Value; Acute Inhalation Toxicity: LC₅₀: 390 – 453 mg/m³, aerosol, 4 h (rat). LD₅₀: 20.8 mg/m³, 3 h; Acute dermal toxicity: LD₅₀: > 5,000 mg/kg (rabbit); ATE not available in this document

Section 12. Ecological Information

Ecotoxicity (aquatic and terrestrial information):
Acute and Prolonged Toxicity to Fish: CAS 28182-81-2; LC₅₀: > 100 mg/L (Zebra fish (Brachydanio rerio) 96h);
Acute Toxicity to Aquatic Invertebrates: CAS 28182-81-2; EC₅₀: > 100 mg/L (Water flea (Daphnia magna) 48 h);
Toxicity to Aquatic Plants: CAS 28182-81-2; EC₅₀: > 1,000 mg/L, (Green algae (Scenedesmus subspicatus) 72 h);
Toxicity to Microorganisms: CAS 28182-81-2; EC₅₀: > 1,000 mg/L, (Activated sludge microorganism, 3 h).
Persistence and degradability | CAS 28182-81-2: 0%, Exposure time: 28 Days, Not readily biodegradable.
Bioaccumulative potential | No data available
Mobility in soil | No data available
Other adverse effects | No data available

Section 13. Disposal Considerations

Information on safe handling for disposal/methods of disposal/contaminated packaging
Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Section 14. Transport Information

UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations
Not regulated
UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)
Not regulated
UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)
Not regulated
Special precautions (transport/conveyance) | None
Environmental hazards (IMDG or other) | None
Bulk transport (usually more than 450 L in capacity) | None

Section 15. Regulatory Information

Safety/health Canadian regulations specifics
This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).

Environmental Canadian regulations specifics | Refer to Section 3 for ingredient(s) of the DSL.
Safety/health/environmental outside regulations specifics

United States OSHA information: This product is regulated according to OSHA (29 CFR).

United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14.

United States TCSA information: Refer to the ingredients listed in Section 3.

<table>
<thead>
<tr>
<th>Section 16. Other Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of the latest revision of the safety data sheet</td>
</tr>
<tr>
<td>References</td>
</tr>
</tbody>
</table>

**Abbreviations**

- ACGIH: American Conference of Governmental Industrial Hygienists
- ATE: Acute toxicity estimate
- CAS: Chemical Abstract Service
- DSL: Domestic Substance List
- IARC: International Agency for Research on Cancer
- IATA: International Air Transport Association
- IMDG: International Maritime Dangerous Goods Code
- LC: Lethal concentration
- LD: Lethal Dosage
- NIOSH: National Institute for Occupational Safety and Health
- NTP: National Toxicology Program (U.S.A.)
- OSHA: Occupational Safety and Health Administration (U.S.A.)
- PEL: Permissible Exposure Limit
- STEL: Short-term Exposure Limit
- TDG: Transport of dangerous goods in Canada
- TLV: Threshold Limit Value
- TSCA: Toxic Substances Control Act
- TWA: Time Weighted Average
- WHMIS: Workplace Hazardous Materials Information System

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