1 Identification

- **Product identifier**
  - **Trade name:** Rapid Refloor Part A Polyol
  - **Product code:** No other identifiers

- **Recommended use and restriction on use**
  - **Recommended use:** Component of a Control Joint Polyurea System
  - **Restrictions on use:** For Professional Use Only

- **Details of the supplier of the Safety Data Sheet**
  - **Manufacturer/Supplier:** METZGER/McGUIRE
  - **Mailing Address:** PO Box 2217 Concord, NH 03302
  - **Shipping Address:** 807 Route 3-A Bow, NH 03304
  - **Phone:** 603-224-6122
  - **Toll Free:** 800-223-6680
  - **Email:** info@metzgermcguire.com
  - **Emergency telephone number:** ChemTel Inc. (800)255-3924 (North America) +1(813)248-0585 (International)

2 Hazard(s) identification

- **Classification of the substance or mixture**
  - Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**
  - **GHS label elements**
    - The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**
  - GHS07

- **Signal word:** Warning
- **Hazard statements:**
  - H319 Causes serious eye irritation.

- **Precautionary statements:**
  - **P264** Wash thoroughly after handling.
  - **P280** Wear eye protection.
  - **P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - **P337+P313** If eye irritation persists: Get medical advice/attention.

3 Composition/information on ingredients

- **Chemical characterization:** Mixtures

- **Components:**
  - 29253-36-9 Isopropynaphthalene Asp. Tox. 1, H304 35-50%
  - 25214-63-5 Ethylenediamine, propoxylated Eye Irrit. 2A, H319 25-45%
  - 7631-86-9 precipitated silica (silica - amorphous) O-Eye Irrit. 2A, H319 2-6%
  - 13463-67-7 titanium dioxide 1-6%
  - 1333-86-4 carbon black 0.5-2%

- **Additional information:**
  - Non-classification as a carcinogen is based on non-respirable form of product.
  - For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.
  - For the wording of the listed Hazard Statements refer to section 16.

4 First-aid measures

- **Description of first aid measures**
  - **After inhalation:**
    - Respiration of particulates is unlikely during normal usage.
    - Supply fresh air; consult doctor in case of complaints.
  - **After skin contact:**
    - Immediately wash with water and soap and rinse thoroughly.
    - If skin irritation is experienced, consult a doctor.
  - **After eye contact:**
    - Remove contact lenses if worn.
    - Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  - **After swallowing:**
    - Rinse out mouth and then drink plenty of water.
    - Do not induce vomiting; immediately call for medical help.
  - **Most important symptoms and effects, both acute and delayed:**
    - Causes eye irritation.
    - Slight irritant effect on skin and mucous membranes.
    - Gastric or intestinal disorders when ingested.
    - Nausea in case of ingestion.
  - **Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

5 Fire-fighting measures

- **Extinguishing media**
  - **Suitable extinguishing agents:**
    - CO2, extinguishing powder or water spray.
    - Fight larger fires with water spray.
  - **For safety reasons unsuitable extinguishing agents:** Water stream.
44.3.11

Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.

Advice for firefighters
• Protective equipment:
  Wear self-contained respiratory protective device.
  Wear fully protective suit.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation.
Use personal protective equipment as required.

Environmental precautions
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Send for recovery or disposal in suitable receptacles.

Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

Handling
• Precautions for safe handling:
  Avoid splashes or spray in enclosed areas.
  Use only in well ventilated areas.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities
Storage
• Requirements to be met by storerooms and receptacles:
  Store away from foodstuffs.
  Store away from oxidizers, strong acids, strong bases.

Further information about storage conditions:
  Store in cool, dry conditions in well sealed receptacles.
  Keep containers tightly sealed.

Specific end use(s) No relevant information available.

8 Exposure controls/personal protection

Control parameters
Components with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>Component</th>
<th>Limit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>7631-86-9 precipitated silica</td>
<td>Long-term: 6 mg/m³</td>
</tr>
<tr>
<td>(silica - amorphous)</td>
<td></td>
</tr>
<tr>
<td>NIOSH REL (USA)</td>
<td>Long-term: 80 mg/m³</td>
</tr>
<tr>
<td>OSHA PEL (USA)</td>
<td>Long-term: 6 mg/m³</td>
</tr>
<tr>
<td>13463-77-7 titanium dioxide</td>
<td>Long-term: 10 mg/m³</td>
</tr>
<tr>
<td>PEL (USA)</td>
<td>Long-term: 15* mg/m³</td>
</tr>
<tr>
<td>REL (USA)</td>
<td>Long-term: 80* mg/m³</td>
</tr>
<tr>
<td>TLV (USA)</td>
<td>Long-term: 10 mg/m³</td>
</tr>
<tr>
<td>EL (Canada)</td>
<td>Long-term: 10 mg/m³</td>
</tr>
<tr>
<td>EV (Canada)</td>
<td>Long-term: 10 mg/m³</td>
</tr>
<tr>
<td>LMPE (Mexico)</td>
<td>Long-term: 10 mg/m³</td>
</tr>
</tbody>
</table>

PEL (USA) withdrawn from NIC
REL (USA) long-term value: 10* mg/m³; IARC 2B
TLV (USA) long-term value: 15* mg/m³; IARC 2B
EL (Canada) long-term value: 10 mg/m³; IARC 2B
EV (Canada) long-term value: 10 mg/m³; IARC 2B
LMPE (Mexico) long-term value: 10 mg/m³; IARC 2B

Exposure controls
• Personal protective equipment:
  General protective and hygienic measures:
  The usual precautionary measures for handling chemicals should be followed.
  Keep away from foodstuffs, beverages and feed.
  Immediately remove all soiled and contaminated clothing.
  Wash hands before breaks and at the end of work.
  Do not inhale gases / fumes / aerosols.
  Avoid contact with the eyes and skin.
  Engineering controls: No relevant information available.
  Breathing equipment:
  Not required under normal conditions of use.
  Use suitable respiratory protective device in case of insufficient ventilation.
  For spills, respiratory protection may be advisable.
44.3.11 Use respiratory protection when grinding or cutting material.

Protection of hands:

- Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

- PVC gloves
- Neoprene gloves
- Nitrile rubber, NBR

Eye protection:

- Safety glasses

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment

No relevant information available.

9 Physical and chemical properties

- Information on basic physical and chemical properties

  Appearance:
  - Form: Liquid
  - Color: According to product specification
  - Odor: Slight
  - Odor threshold: Not determined.
  - pH-value: 10 - 12
  - Melting point/Melting range: Not determined.
  - Boiling point/Boiling range: >177 °C (>351 °F)
  - Flash point: >190 °C (>374 °F) (open cup)
  - Flammability (solid, gaseous): Not applicable.
  - Auto-ignition temperature: Not determined.
  - Decomposition temperature: Not determined.
  - Danger of explosion: Product does not present an explosion hazard.

Explosion limits

- Lower: Not determined.
- Upper: Not determined.
- Oxidizing properties: Not determined.
- Vapor pressure: Not determined.

- Density:
  - Relative density: 1.02 - 1.05 g/cm³ (8.512 - 8.762 lbs/gal)

10 Stability and reactivity

- Reactivity:
  - No relevant information available.
  - Chemical stability:
    - Stable under normal temperatures and pressures.
    - No decomposition if used and stored according to specifications.

- Possibility of hazardous reactions
  - Toxic fumes may be released if heated above the decomposition point.
  - Reacts with catalysts, oxidizing agents and strong alkali.
  - Reacts with strong acids.

- Conditions to avoid:
  - Excessive heat.

- Incompatible materials:
  - Oxidizers, strong bases, strong acids.

- Hazardous decomposition products:
  - Carbon monoxide and carbon dioxide.
  - Nitrogen oxides (NOx).

11 Toxicological information

- Information on toxicological effects
  - Acute toxicity:
    - LD/LC50 values that are relevant for classification: None.
  - Primary irritant effect:
    - On the skin: Slight irritant effect on skin and mucous membranes.
    - On the eye: Irritating effect.

- IARC (International Agency for Research on Cancer):
  - 13463-57-7 titanium dioxide 2B
  - 1333-86-4 carbon black 2B

- NTP (National Toxicology Program):
  - None of the ingredients are listed.

- OSHA-Ca (Occupational Safety & Health Administration):
  - None of the ingredients are listed.
### 44.3.11 Probable route(s) of exposure:
- Ingestion.
- Eye contact.
- Skin contact.

### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Contains known or suspect carcinogens when inhaled. Product is in non-inhalable form and is nonclassifiable as a carcinogen.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT—single exposure:** Based on available data, the classification criteria are not met.
- **STOT—repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

### 12 Ecological information

#### Toxicity
- **Aquatic toxicity**
  - **Toxic to aquatic life with long lasting effects.**
  - 29253-36-9 Isopropylnaphthalene
    - LC50: 0.74 mg/l (fish)
    - EC50: 0.15 mg/l (daphnia)

#### Persistence and degradability
- **Bioaccumulative potential:** May be accumulated in organism
- **Mobility in soil:** No relevant information available.

#### Ecotoxicological effects
- **Remark:** Very toxic for fish

#### Additional ecological information
- **General notes:**
  - Do not allow product to reach ground water, water course or sewage system.
  - Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

### Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### Other adverse effects
- No relevant information available.

### 13 Disposal considerations

#### Waste treatment methods
- **Recommendation:**
  - The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

#### Uncleaned packagings
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

#### UN-number
- **DOT:** Not regulated.
- **ADR, IMDG, IATA**
  - UN3082

#### UN proper shipping name
- **DOT:**
  - Class: Not regulated.
- **ADR:**
  - Class: 9 (M6) Miscellaneous dangerous substances and articles
  - Label: 9
- **IMDG, IATA**
  - Class: 9 Miscellaneous dangerous substances and articles
  - Label: 9

#### Transport hazard class(es)
- **ADR:**
  - Class: Not regulated.
- **IMDG, IATA**
  - Class: III
  - Label: Yes
  - Symbol: (fish and tree)
### Trade name: Rapid Refloor Part A Polyol

<table>
<thead>
<tr>
<th>44.3.11</th>
<th>Special precautions for user</th>
</tr>
</thead>
<tbody>
<tr>
<td>· Warning: Miscellaneous dangerous substances and articles</td>
<td></td>
</tr>
<tr>
<td>90</td>
<td>· EMS Number: F-A,S-F</td>
</tr>
</tbody>
</table>

- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**: Not applicable.

- **Transport/Additional information**: Not regulated when carried in single or combination packaging containing a net quantity of 5 L or less for liquids or 5 kg or less for solids per the following:
  - **DOT**: 171.4(c)(2)
  - **ADR**: SP 375
  - **IMDG**: 2.10.2.7
  - **IATA**: special provision A197

- **Remarks**: Transport labeling is not required for non-bulk single package shipments by motor vehicle, rail car or aircraft. Bulk packaging consists of a maximum capacity of greater than 450 L (119 gallons) for a liquid and a maximum net mass greater than 400 kg (882 pounds) for a solid.

### 15 Regulatory information

- **SARA**
  - **Section 302 (extremely hazardous substances)**: None of the ingredients are listed.
  - **Section 305 (extremely hazardous substances)**: None of the ingredients are listed.
  - **Section 313 (specific toxic chemical listings)**: None of the ingredients are listed.

- **TSCA (Toxic Substances Control Act)**
  - All ingredients are listed.

- **SARA**
  - **Section 302 (extremely hazardous substances)**
  - **Section 305 (extremely hazardous substances)**
  - **Section 313 (specific toxic chemical listings)**
  - **TSCA (Toxic Substances Control Act)**

- **Proposition 65 (California)**
  - **Chemicals known to cause cancer**: Reference to chemical component(s) listed below are based on unbound respirable particles and are not generally applicable to product as supplied.
  - **Chemicals known to cause cancer**: 
    - 13463-67-7 titanium dioxide
    - 1333-86-4 carbon black

### 16 Other information

- **This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.**

- **Date of preparation/last revision**: April 14, 2017

- **Abbreviations and acronyms**
  - LDLo: Lowest Lethal Dose Observed
  - ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
  - IMDG: International Maritime Code for Dangerous Goods
  - DOT: US Department of Transportation
  - IATA: International Air Transport Association
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - NIOSH: National Institute for Occupational Safety and Health
  - OSHA: Occupational Safety & Health
  - Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
  - Asp. Tox. 1: Aspiration hazard – Category 1

### Sources

- Website, European Chemicals Agency (echa.europa.eu)
- Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/register/substreg/home/overview/home.do)
- Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
Trade name: Rapid Refloor Part A Polyol

978-007-176923-5.
Safety Data Sheets, Individual Manufacturers
SDS Prepared by:
ChemTel Inc.
1305 North Florida Avenue
Tampa, Florida USA 33602-2902
Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
Website: www.chemtelinc.com

1 Identification

- Product identifier
- Tradename: Rapid Refloor Part B ISO
- Product code: No other identifiers
- Recommended use and restriction on use
- Recommended use: Component of a Control Joint Polyurethane System. Caulking and Sealing.
- Restrictions on use: For Professional Use Only
- Details of the supplier of the Safety Data Sheet
- Manufacturer/Supplier: METZGER/McGUIRE
  Mailing Address:
  PO Box 2217
  Concord, NH 03302
  Shipping Address:
  807 Route 3-A
  Bow, NH 03304
  Phone: 603-224-6122
  Toll Free: 800-223-6680
  Email: info@metzgermcguire.com
- Emergency telephone number:
  ChemTel Inc.
  (800)255-3924 (North America)
  +1 (813)248-0585 (International)

2 Hazard(s) identification

- Classification of the substance or mixture
  Acute Tox. 4 H332 Harmful if inhaled.
  Skin Irrit. 2 H315 Causes skin irritation.
  Eye Irrit. 2A H319 Causes serious eye irritation.
  Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
  Skin Sens. 1 H317 May cause an allergic skin reaction.
  STOT SE 3 H335 May cause respiratory irritation.
  STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

- Label elements
- GHS label elements
  The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms:
  GHS07 GHS08

- Signal word: Danger
- Hazard statements:
  H332 Harmful if inhaled.
Safety Data Sheet
acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 regulations

Printing date: April 14, 2017 Revision: April 14, 2017

Tradename: Rapid Refloor Part B ISO

44.3.11

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:
P260 Do not breathe mist/vapors/spray.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection.
P284 [In case of inadequate ventilation] wear respiratory protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P341 If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Components:

<table>
<thead>
<tr>
<th>Component</th>
<th>Identity</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>101-68-8</td>
<td>4,4'-methylenebisphenyl diisocyanate</td>
<td>80-95%</td>
</tr>
<tr>
<td>Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335</td>
<td></td>
<td></td>
</tr>
<tr>
<td>108-32-7</td>
<td>propylene carbonate</td>
<td>5-20%</td>
</tr>
<tr>
<td>Acute Tox. 4, H332; Skin Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Additional information:
For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret. For the wording of the listed Hazard Statements refer to section 16.

5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents:
CO2, extinguishing powder or water spray. Fight larger fires with water spray.

For safety reasons unsuitable extinguishing agents: Water stream.
**Safety Data Sheet**

**Trade name:** Rapid Refloor Part B ISO

### 44.3.11 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

### Advice for firefighters

- **Protective equipment:**
  - Wear self-contained respiratory protective device.
  - Do not inhale explosion gases or combustion gases.
  - Wear fully protective suit.

### Additional information:

- Cool endangered receptacles with water spray.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
  - Use respiratory protective device against the effects of fumes/dust/aerosol.
  - Wear protective equipment. Keep unprotected persons away.
  - Ensure adequate ventilation.
  - Isolate area and prevent access.

- **Environmental precautions**
  - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Methods and material for containment and cleaning up**
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable receptacles.

- **Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

### 7 Handling and storage

- **Handling**
  - **Precautions for safe handling:**
    - Prevent formation of aerosols.
    - Avoid splashes or spray in enclosed areas.
    - Use only in well ventilated areas.
  - **Information about protection against explosions and fires:**
    - Keep respiratory protective device available.

- **Conditions for safe storage, including any incompatibilities**

- **Storage**
  - **Requirements to be met by storerooms and receptacles:**
    - Avoid storage near extreme heat, ignition sources or open flame.
  - **Information about storage in one common storage facility:**
    - Store away from foodstuffs.
  - **Further information about storage conditions:**
    - Keep containers tightly sealed.
    - Protect from humidity and water.

### 8 Exposure controls/personal protection

#### Control parameters

- **Components with limit values that require monitoring at the workplace:**

<table>
<thead>
<tr>
<th>Compound</th>
<th>PEL (USA) Ceiling limit value: 0.2 mg/m³, 0.02 ppm</th>
<th>REL (USA) Long-term value: 0.05 mg/m³, 0.005 ppm</th>
<th>Ceiling limit value: 0.2* mg/m³, 0.02* ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>101-68-8 4,4'-methylene diphenyl diisocyanate</td>
<td>Ceiling limit value: 0.051 mg/m³, 0.005 ppm</td>
<td>Ceiling limit value: 0.01 ppm</td>
<td></td>
</tr>
<tr>
<td>TLV (USA) Long-term value: 0.051 mg/m³, 0.005 ppm</td>
<td>Ceiling limit value: 0.01 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EL (Canada) Long-term value: 0.005 ppm</td>
<td>Ceiling limit value: 0.01 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EV (Canada) Long-term value: 0.005 ppm</td>
<td>Ceiling limit value: 0.02 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LMPE (Mexico) Long-term value: 0.005 ppm</td>
<td>Ceiling limit value: 0.02 ppm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Exposure controls**
  - **Personal protective equipment:**
    - **General protective and hygienic measures:**
      - The usual precautionary measures for handling chemicals should be followed.
      - Keep away from foodstuffs, beverages and feed.
      - Immediately remove all soiled and contaminated clothing.
      - Wash hands before breaks and at the end of work.
      - Do not inhale gases / fumes / aerosols.
      - Avoid contact with the eyes and skin.
  - **Engineering controls:**
    - No relevant information available.
  - **Breathing equipment:**
    - Combined Organic Vapor and Particulate Respirator is recommended for use during all processing activities.

- **Protection of hands:**
  - **Protective gloves**
  - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Eye protection:**
  - **Safety glasses**

- **Body protection:**
  - **Protective work clothing**
Safety Data Sheet
acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 regulations

Printing date: April 14, 2017
Revision: April 14, 2017

Trade name: Rapid Refloor Part B ISO

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Limitation and supervision of exposure into the environment
No relevant information available.

9 Physical and chemical properties

Information on basic physical and chemical properties
- Appearance:
  - Form: Liquid
  - Color: Yellow
- Odor: Aromatic
- Odor threshold: Not determined.
- pH-value: Not determined.
- Melting point/Melting range: 5-20 °C (41-68 °F)
- Boiling point/Boiling range: >200 °C (>392 °F)
- Flash point: >200 °C (>392 °F) (Pensky-Martens Closed Cup)
- Flammability (solid, gaseous): Not applicable.
- Auto-ignition temperature: Not determined.
- Decomposition temperature: Not determined.
- Danger of explosion: Product does not present an explosion hazard.

- Explosion limits
  - Lower: Not determined.
  - Upper: Not determined.
- Oxidizing properties: Not determined.
- Vapor pressure at 25 °C (77 °F): <0.0001 mm Hg
- Density:
  - Relative density at 20 °C (68 °F): 1.2 g/cm³ (10.014 lbs/gal)
  - Vapor density: Not determined.
  - Evaporation rate: Not determined.
- Solubility in / Miscibility with Water: Slowly reacts with water.
- Partition coefficient (n-octanol/water): Not determined.
- Viscosity
  - Dynamic: Not determined.
  - Kinematic: Not determined.
- Other information: No relevant information available.

10 Stability and reactivity

- Reactivity: No relevant information available.
### 44.3.11

- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** May cause respiratory irritation.
- **STOT-repeated exposure:** May cause damage to organs through prolonged or repeated exposure.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

### 12 Ecological information

- **Toxicity**
  - **Aquatic toxicity:** No relevant information available.
  - **Persistence and degradability:** No relevant information available.
  - **Bioaccumulative potential:** No relevant information available.
  - **Additional ecological information**
    - **General notes:**
      Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
    - **Results of PBT and vPvB assessment**
      - **PBT:** Not applicable.
      - **vPvB:** Not applicable.
    - **Other adverse effects:** No relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation:**
    Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
  - **Uncleaned packagings**
    - **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **UN-Number**
  - **DOT, ADR, IMDG, IATA**
    - Not regulated.
- **UN proper shipping name**
  - **DOT, ADR, IMDG, IATA**
    - Not regulated.

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **United States (USA)**
    - **SARA**
      - **Section 302 (extremely hazardous substances):**
        - None of the ingredients are listed.
      - **Section 355 (extremely hazardous substances):**
        - None of the ingredients are listed.
      - **Section 313 (Specific toxic chemical listings):**
        - 101-68-8 4,4'-methylenediphenyl disocyanate
      - **TSCA (Toxic Substances Control Act)**
        - All ingredients are listed.
      - **Proposition 65 (California)**
        - **Chemicals known to cause cancer:**
          - None of the ingredients are listed.
        - **Chemicals known to cause reproductive toxicity for females:**
          - None of the ingredients are listed.
        - **Chemicals known to cause reproductive toxicity for males:**
          - None of the ingredients are listed.
        - **Chemicals known to cause developmental toxicity:**
          - None of the ingredients are listed.
      - **EPA (Environmental Protection Agency):**
        - **Carcinogenic categories**
          - 101-68-8 4,4'-methylenediphenyl disocyanate
            - D, CBD
# Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 regulations

Printing date: April 14, 2017  Revision: April 14, 2017

## Trade name: Rapid Refloor Part B ISO

### IARC (International Agency for Research on Cancer):
None of the ingredients are listed.

### NIOSH-Ca (National Institute for Occupational Safety and Health):
None of the ingredients are listed.

### Canadian Domestic Substances List (DSL):
All ingredients are listed.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Date of preparation / last revision**: April 14, 2017

### Abbreviations and acronyms:
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety
- OSHA: Occupational Safety & Health
- LDLo: Lowest Lethal Dose Observed
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
- Resp. Sens. 1: Respiratory sensitisation – Category 1
- Skin Sens. 1: Skin sensitisation – Category 1
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

### Sources
- Website, European Chemicals Agency (echa.europa.eu)
- Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)
- Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
- Safety Data Sheets, Individual Manufacturers
- SDS Prepared by: ChemTel Inc.
  1305 North Florida Avenue
  Tampa, Florida USA 33602-2902
  Toll Free North America 1-888-255-3924Intl. +01 813-248-0573
- Website: www.chemtelinc.com