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

Printing date: May 02, 2017  Revision: May 02, 2017

1 Identification

· Product identifier
  · Trade name: Spal Pro RS-65 Part A Polyol
  · Product code: No other identifiers
  · Recommended use and restriction on use
    · Recommended use: Component of a Control Joint Polyurethane System
    · Restrictions on use: None
  · 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
  · Skin Sens. 1 H317 May cause an allergic skin reaction.
  · Repr. 1A H360 May damage fertility or the unborn child.
  · Additional information: For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.
  · GHS label elements
    The product is classified and labeled according to the Globally Harmonized System (GHS).

3 Composition/information on ingredients

· Chemical characterization: Mixtures
  · Components:
    | Component | Identity |
    |-----------|----------|
    | 13463-67-7 titanium dioxide | Carc. 2, H351 |
    | ≤ 5%     |
    | 106264-79-3 6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine | Acute Tox. 4, H302; Skin Sens. 1, H317 |
    | ≤ 5%     |
    | 7631-86-9 precipitated silica (silica - amorphous) | ≤ 5% |
    | 872-00-4 N-methyl-2-pyrroldione | Acute Tox. 3, H335 |
    | ≤ 1%     |
    | 1333-86-4 carbon black | Carc. 2, H351 |
    | ≤ 1%     |
  · Non-classification as a carcinogen is based on non-respirable form of product.

4 First-aid measures

· Description of first aid measures
  · After inhalation: Supply fresh air; consult doctor in case of complaints.
    Provide oxygen treatment if affected person has difficulty breathing.
  · After skin contact: Immediately remove any clothing soiled by the product.
    Immediately wash with water and soap and rinse thoroughly.
    If skin irritation continues, 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.

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- 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:
  Headache
  Coughing
  Breathing difficulty
  Allergic reactions
  Gastric or intestinal disorders when ingested.
  Nausea in case of ingestion.
  Danger: May damage fertility or the unborn child.
  Indication of any immediate medical attention and special treatment needed:
  Medical supervision for at least 48 hours.

- 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:
    Avoid storage near extreme heat, ignition sources or open flame.
    Information about storage in one common storage facility:
    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.
    Specific end use(s) No relevant information available.

5 Fire-fighting measures

- Extinguishing media
  Suitable extinguishing agents: Water fog, alcohol foam, dry chemical, CO₂.
  For safety reasons unsuitable extinguishing agents: None.

- 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
  Wear protective equipment. Keep unprotected persons away.
  Ensure adequate ventilation.
  For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

- Environmental precautions
  Do not allow to enter sewers/ surface or ground water.
  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.

7 Handling and storage

- Handling
  - Precautions for safe handling:
    Prevent formation of aerosols.
    Use only in well ventilated areas.
    Avoid splashes or spray in enclosed areas.
    Avoid contact with the eyes and skin.
    Keep out of reach of children.
  - 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:
    Avoid storage near extreme heat, ignition sources or open flame.
  - Information about storage in one common storage facility:
    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.
  - 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:
    13463-67-7 titanium dioxide
    - PEL (USA) Long-term value: 15* mg/m³
      *total dust
    - REL (USA) See Pocket Guide App. A
    - TLV (USA) Long-term value: 10 mg/m³ withdrawn from NIC
    - EL (Canada) Long-term value: 10* 3** mg/m³
      *total dust;**respirable fraction; IARC 2B
    - EV (Canada) Long-term value: 10 mg/m³ total dust
    - LMPE (Mexico) Long-term value: 10 mg/m³ A4
    7631-86-9 precipitated silica (silica - amorphous)
    - NIOSH REL (USA) Long-term value: 6 mg/m³
    - OSHA PEL (USA) Long-term value: 80 mg/m³

(Cont'd. of page 3)

See Section 13 for disposal information.

(Cont'd. of page 4)
Trade name: Spal Pro RS-65 Part A Polyol

872-50-4 N-methyl-2-pyrrolidone

WEEL (USA) Long-term value: 10 ppm
Skin
EV (Canada) Long-term value: 400 mg/m²

1333-86-4 carbon black

PEL (USA) Long-term value: 3.5 mg/m³
REL (USA) Long-term value: 3.5 mg/m³ *inhale fraction
TLV (USA) Long-term value: 3 mg/m³
EL (Canada) Long-term value: 3 mg/m³
LMPE (Mexico) Long-term value: 3 mg/m³
* 0.1 in presence of PAHs; See Pocket Guide Apps. A+C

Skin
EV (Canada) Long-term value: 400 mg/m³
1333-86-4 carbon black

IARC 2B

Skin
EV (Canada) Long-term value: 3.5 mg/m³
LMPE (Mexico) Long-term value: 3 mg/m³

Ingredients with biological limit values:

872-50-4 N-methyl-2-pyrrolidone

BEI (USA) 100 mg/L
Medium: urine
Time: end of shift
Parameter: 5-Hydroxy-N-methyl-2-pyrrolidone

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.
Pregnant women should strictly avoid inhalation or ingestion.
Engineering controls: Provide adequate ventilation.
Breathing equipment: Not required under normal conditions of use.
For large spills, respiratory protection may be advisable.
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

Follow relevant national guidelines concerning the use of protective eyewear.

Body protection:

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: >200 °C (>392 °F)
Flash point: Not applicable.

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: Non-oxidizing.

Vapor pressure: Not determined.

Density: 1.02-1.05
Relative density: 1.02-1.05
Vapor density: Not determined.
Evaporation rate: Not determined.

Solubility in / Miscibility with Water: Soluble.

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: Reacts with isocyanates
- Chemical stability: Stable under normal temperatures and pressures.
- Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
- Possibility of hazardous reactions
  - Toxic fumes may be released if heated above the decomposition point.
- 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:
      - 872-50-4 N-methyl-2-pyrrolidone
        - Oral LD50: 4150 mg/kg (rat)
        - Dermal LD50: >5000 mg/kg (rat)
        - Inhalative LD50/4h: >5.1 mg/l (rat)
  - Primary irritant effect:
    - On the skin: Based on available data, the classification criteria are not met.
    - On the eye: Based on available data, the classification criteria are not met.
  - Sensitization: Sensitization possible through skin contact.
  - IARC (International Agency for Research on Cancer):
    - 13463-67-7 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.
- Probable route(s) of exposure:
  - Ingestion.
  - Eye contact.
  - Skin contact.
- 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: May damage fertility or the unborn child.
- STOT-single exposure: Based on available data, the classification criteria are not met.
### Transport hazard class(es)

| ADR | Environmentally Hazardous Substance, Liquid, N.O.S. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine) |
| IMDG | Environmentally Hazardous Substance, Liquid, N.O.S. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine), Marine Pollutant |
| IATA | Environmentally hazardous substance, liquid, n.o.s. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine) |

#### 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 450L (119 gallons) for a liquid and a maximum net mass greater than 400kg (882 pounds) for a solid.

### 15 Regulatory information

<table>
<thead>
<tr>
<th>United States (USA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA</td>
</tr>
<tr>
<td>Section 302 (extremely hazardous substances): None of the ingredients are listed.</td>
</tr>
<tr>
<td>Section 355 (extremely hazardous substances): None of the ingredients are listed.</td>
</tr>
<tr>
<td>Section 313 (specific toxic chemical listings): 872-50-4 N-methyl-2-pyrrolidone</td>
</tr>
<tr>
<td>TSCA (Toxic Substances Control Act)</td>
</tr>
<tr>
<td>All ingredients are listed.</td>
</tr>
<tr>
<td>Proposition 65 (California)</td>
</tr>
<tr>
<td>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.</td>
</tr>
<tr>
<td>13463-67-7 titanium dioxide</td>
</tr>
<tr>
<td>1333-86-4 carbon black</td>
</tr>
<tr>
<td>Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.</td>
</tr>
<tr>
<td>Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.</td>
</tr>
<tr>
<td>Chemicals known to cause developmental toxicity: 872-50-4 N-methyl-2-pyrrolidone</td>
</tr>
<tr>
<td>EPA (Environmental Protection Agency): None of the ingredients are listed.</td>
</tr>
</tbody>
</table>
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· IARC (International Agency for Research on Cancer):
  Referencetochemicalcomponent(s)listedbelowarebasedonunboundrespirableparticlesandarenot
generallyapplicabletoproductassupplied.
  13463-67-7 titaniumdioxide 2B
  1333-86-4 carbonblack 2B

· NIOSH-Ca (National Institute for Occupational Safety and Health):
  13463-67-7 titaniumdioxide
  1333-86-4 carbonblack

· Canadian Domestic Substances List (DSL):
  Allingredientsarelisted.

16 Other information

Thisinformationisbasedonournowledge.However,thisshallnotconstituteaguaranteeforany
specificproductfeaturesandshallnotestablishalegallyvalidcontractualrelationship.

· Date of preparation / last revision: May 02, 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, Bio-accumulative, Toxique
  vPvB: very Persistent and very Bioaccumulative
  NIOSH: l’Institut national de recherche sur la sécurité et la santé au travail / National Institute for Occupational Safety (États-Unis)
  OSHA: Occupational Safety & Health Administration
  Flam. Liq. 4: Flammable liquids – Category 4
  Acute Tox. 4: Acute toxicity – Category 4
  Acute Tox. 3: Acute toxicity – Category 3
  Skin Irrit. 2: Skin corrosion/irritation – Category 2
  Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
  Skin Sens. 1: Skin sensitisation – Category 1
  Carc. 2: Carcinogenicity – Category 2
  Carc. 2R: Carcinogenicity – Category 2
  Repr. 1: Reproductive toxicity – Category 1
  Repr. 1B: Reproductive toxicity – Category 1B
  STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· 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)
  978-0-07-176923-5.
  Safety Data Sheets, Individual Manufacturers
  SDS Prepared by:
  ChemTel Inc.
  1305 North Florida Avenue

(Cont'd. on page 12)
1 Identification

- Product identifier
  - Trade name: Spal Pro RS-65 Part B ISO
  - Product code: No other identifiers
- Recommended use and restriction on use
  - Recommended use: Component of a Control Joint Polyurethane System
  - Restrictions on use: No relevant information available.
- 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 Classification(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 damage to organs through prolonged or repeated exposure.
  - 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

3 Composition/information on ingredients

- Chemical characterization: Mixtures
  - Components:
    - 101-68-8 4,4'-methylene diphenyl diisocyanate
      - Resp. Sens. 1, H334; STOT RE 2, H373
      - Acute tox. 4, H332; Skin Irrit. 2, H319; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335
    - 9016-87-9 diphenylmethane diisocyanate, isomers and homologues
      - Resp. Sens. 1, H334; STOT RE 2, H373
      - Acute tox. 4, H332; Skin Irrit. 2, H319; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335
  - 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.
4 First-aid measures

· Description of first aid measures
  · After inhalation: Supply fresh air and to be sure to call for a doctor.
  · After skin contact: Immediately remove any clothing soaked by the product.
  · After eye contact: Immediately remove contact lenses if possible.
  · After swallowing: Rinse out mouth and then drink plenty of water.

· Most important symptoms and effects, both acute and delayed:
  · Asthma attacks
  · Breathing difficulty
  · Coughing
  · Dizziness
  · Allergic reactions
  · May cause respiratory irritation.
  · Irritating to eyes, respiratory system and skin.
  · Gastric or intestinal disorders when ingested.

· Danger: Danger of impaired breathing. Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure.

· Indication of any immediate medical attention and special treatment needed: Severe allergic skin reaction, bronchial spasms and anaphylactic shock are possible. Medical supervision for at least 48 hours.
  · If necessary oxygen respiration treatment.
  · Later observation for pneumonia and pulmonary edema.
  · Contains 4,4’-methylene diphenyl diisocyanate, diphenylmethanediisocyanate, isomers and homologues. May produce an allergic reaction.
  · Treat skin and mucous membrane with antihistamine and cortisone preparations.
  · In cases of irritation to the lungs, initial treatment with cortisone inhalants.

5 Fire-fighting measures

· Suitable extinguishing agents: Foam, dry chemical or carbon dioxide.

· For safety reasons unsuitable extinguishing agents: Water

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 to enter sewers/surface or ground water.
  · 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: Open and handle receptacle with care. 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: Provide ventilation for receptacles. Protect from humidity and water.
    · Information about storage in one common storage facility: Store away from foodstuffs. Store away from oxidizers, strong acids, strong bases.

· For safety reasons unsuitable extinguishing agents: Water

(Cont'd. on page 4)
Further information about storage conditions:
- Store in cool, dry conditions in well sealed receptacles.
- Keep containers tightly sealed.
- Storage Temperatures: 68-86 °F / 20-30 °C.

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:
    101-68-8 4,4'-methylene diphenyl diisocyanate
      PEL (USA) Ceiling limit value: 0.2 mg/m³, 0.02 ppm
      REL (USA) Ceiling limit value: 0.05 mg/m³, 0.005 ppm
      "10-min" Ceiling limit value: 0.2 mg/m³, 0.02 ppm
      Long-term value: 0.051 mg/m³, 0.005 ppm
      TLV (USA) Long-term value: 0.005 ppm
      Skin: S
      Long-term value: 0.01 ppm
      Ceiling limit value: 0.005 ppm
      EV (Canada) Long-term value: 0.005 ppm
      Ceiling limit value: 0.02 ppm
      LMPE (Mexico) Long-term value: 0.005 ppm

- 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 any 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: Provide adequate ventilation.
  - 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.
### 10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
  - No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions**
  - Danger of polymerization.
  - Contact with water releases toxic gases.
  - Reacts with alcohols, amines, aqueous acids and alkalis.
  - Reacts with strong oxidizing agents.
  - Exothermic reaction.
- **Conditions to avoid**
  - Excessive heat.
  - Moisture.
- **Incompatible materials**
  - Water
  - Oxidizers, strong bases, strong acids
- **Hazardous decomposition products**
  - Carbon monoxide and carbon dioxide
  - Nitrogen oxides (NOx)
  - Hydrocarbons
  - Hydrogen cyanide (prussic acid)

### 11 Toxicological information

#### Information on toxicological effects
- **Acute toxicity:**
  - **LD/LC50 values that are relevant for classification:**
    - 101-68-8, 4,4'-methylenediphenyl disocyanate
      - Oral LD50 2200 mg/kg (mouse)
  - **Primary irritant effect:**
    - **On the skin:** Irritant to skin and mucous membranes.
    - **On the eye:** Irritating effect.
    - **Sensitization:** May cause sensitisation by inhalation and skin contact.

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

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

#### OSHA-Ca (Occupational Safety & Health Administration):
- None of the ingredients are listed.

### 12 Ecological information

#### Toxicity
- **Aquatic toxicity**
  - No relevant information available.
- **Persistence and degradability**
  - No relevant information available.
- **Bioaccumulative potential**
  - No relevant information available.
- **Mobility in soil**
  - 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.
### 14 Transport information

- **UN-Number**
  - DOT, ADR, IMDG, IATA: Not regulated.
- **UN proper shipping name**
  - DOT, ADR, IMDG, IATA: Not regulated.
- **Transport hazard class(es)**
  - DOT, ADR, IMDG, IATA: Not regulated.
- **Packing group**
  - DOT, ADR, IMDG, IATA: Not regulated.
- **Environmental hazards**
  - Marine pollutant: No
- **Special precautions for user**
  - Not applicable.
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
  - Not applicable.

### 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):**
    - All ingredients are listed.
  - **TSCA (Toxic Substances Control Act):**
    - All ingredients are listed.
  - **Proposition 65 (California):**
    - None of the ingredients are listed.
  - **Chemicals known to cause cancer:**
    - None of the 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**
  - May 02, 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, Bio-accumulable, Toxique
  - vPvB: very Persistent and very Bioaccumulative
  - NIOSH: l’Institut national de recherche sur la sécurité et la santé au travail / National Institute for Occupational Safety (États-Unis)
  - OSHA: Occupational Safety & Health Administration
  - 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)
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Safety Data Sheets, Individual Manufacturers

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