### 1 Identification

- **Product identifier**
- **Trade name:** SRG Part A POLYOL
- **Other means of identification:** No other identifiers
- **Recommended use and restriction on use**
  - **Recommended use:** Industrial uses.
  - **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**
  - Flam. Liq. 4 H227 Combustible liquid.
  - Eye Irrit. 2A H319 Causes serious eye irritation.
  - Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
- **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:**
  - H227 Combustible liquid.
  - H319 Causes serious eye irritation.
  - H304 May be fatal if swallowed and enters airways.
- **Precautionary statements:**
  - P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  - P264 Wash thoroughly after handling.
  - P280 Wear protective gloves/protective clothing/eye protection.

### 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
  - **Components:**
    - 102-60-3 1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol Eye Irrit. 2A, H319 15-20%
    - 64742-48-9 Naphtha (petroleum), hydrotreated heavy Asp. Tox. 1, H304 5-10%
- **Additional information:**
  - For the wording of the listed Hazard Statements, refer to section 16.
  - For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.

### 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.
  - Provide oxygen treatment if affected person has difficulty breathing.
  - In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**
  - Immediately wash with water and soap and rinse thoroughly.
  - Seek medical treatment in case of complaints.
- **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.
  - A person vomiting while lying on their back should be turned onto their side.
- **Most important symptoms and effects, both acute and delayed:**
  - Breathing difficulty
  - Diarrhea
  - Coughing
  - Causes eye irritation.
  - Gastric or intestinal disorders when ingested.
### 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.
- **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**
  - Use respiratory protective device against the effects of fumes/dust/aerosol.
  - Ensure adequate ventilation.
  - Wear protective equipment. Keep unprotected persons away.
  - Particular danger of slipping on leaked/spilled product.

- **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.
  - See Section 13 for disposal information.

### 7 Handling and storage

- **Handling**
  - **Precautions for safe handling:** Avoid splashes or spray in enclosed areas.

### 8 Exposure controls/personal protection

- **Control parameters**
  - Components with limit values that require monitoring at the workplace:
  - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Exposure controls**
  - **General protective and hygienic measures:**
  - The usual precautionary measures for handling chemicals should be followed.
  - Keep away from foodstuffs, beverages and feed.
  - 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.
    - For spills, respiratory protection may be advisable.
    - Use suitable respiratory protective device in case of insufficient ventilation.
  - **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

### 9 Physical and chemical properties

- **(Cont'd on page 4)**
47.0.2 Information on basic physical and chemical properties

- Appearance: Liquid
- Form: Liquid
- Color: Black
- Odor: Characteristic
- Odor threshold: Not determined.
- pH-value: Not determined.
- Melting point/Melting range: Not determined.
- Boiling point/Boiling range: Not determined.
- Flash point: >60.6 °C (>141.1 °F)
- 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:
  - Relative density: 0.98 (water=1)
  - Vapor density: >1 (air=1)
  - Evaporation rate: Not determined.
- Solubility in / Miscibility with Water: Slightly 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: 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
  - Toxic fumes may be released if heated above the decomposition point.
  - Reacts with strong acids and alkali.
  - Reacts with strong oxidizing agents.

11 Toxicological information

- Information on toxicological effects
  - Acute toxicity: Based on available data, the classification criteria are not met.
- LD/LC50 values that are relevant for classification:
  - Oral LD50 >5000 mg/kg (rat)
  - Dermal LD50 >3000 mg/kg (rabbit)
  - Primary irritant effect:
    - On the skin: Slight irritant effect on skin and mucous membranes.
    - On the eye: Irritating effect.
  - Sensitization: No sensitizing effects known.
  - 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.
  - Probable route(s) of exposure:
    - Ingestion.
    - Eye contact.
    - Skin contact.
  - Germ cell mutagenicity: Based on available data, the classification criteria are not met.
  - 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: 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: May be fatal if swallowed and enters airways.

12 Ecological information

- Toxicity
  - Aquatic toxicity: Harmful to aquatic life with long lasting effects.
  - Persistence and degradability: Not easily biodegradable
  - Bioaccumulative potential: No relevant information available.
  - Mobility in soil: No relevant information available.
- Ecotoxicological effects:
  - Remark: Toxic for fish
### 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

<table>
<thead>
<tr>
<th>DOT</th>
<th>UN-Number</th>
<th>ADR, IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 3</td>
<td>NA1993</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Label 3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**UN proper shipping name**

- **DOT**
  - Combustible liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy)
  - ADR, IMDG, IATA: Not regulated.

**Transport hazard class(es)**

- **DOT**
  - Class 3
  - Label 3

**Packing group**

- **DOT**
  - III
- ADR, IMDG, IATA: Not regulated.

**Environmental hazards**

- **Marine pollutant:** No

### 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):** None of the ingredients are listed.
    - **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 developmental toxicity for females:** None of the ingredients are listed.
      - **Chemicals known to cause developmental toxicity for males:** None of the ingredients are listed.
      - **Chemicals known to cause developmental toxicity:** Present in trace quantities.
      - **EPA (Environmental Protection Agency):** None of the ingredients are listed.
      - **IARC (International Agency for Research on Cancer):** None of the ingredients are listed.
1 Identification

1.1 Product identifier
- Trade name: SRG Part B ISO

1.2 Other means of identification:
- No other identifiers

1.3 Recommended use and restriction on use
- Recommended use: Industrial uses.
- Restrictions on use: For professional use only.

1.4 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

2.1 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.
- Carc. 2 H351 Suspected of causing cancer.
- STOT SE 3 H335 May cause respiratory irritation.
- STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

2.2 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:
Safety Data Sheet
acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations
Printing date: June 08, 2018
Revision: June 08, 2018
Tradename: SRG Part B ISO

47.0.2
H332 Harmful if inhaled.
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.
H351 Suspected of causing cancer.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe mist/vapors/spray.
P264 Wash thoroughly after handling.
P260 Use only outdoors or in a well-ventilated area.
P271 Contaminated work clothing must not be allowed out of the workplace.
P270 Wear protective gloves/protective clothing/eye protection.
P280 If exposed or incompletely diluted, get medical advice/attention.
P302+P352 If on skin: Wash with plenty of soap and water.
P304+P340 If inhaled: 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.
P308+P313 If on skin: Wash with soap and water.
P312 Call a poison center/doctor if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor.
P403+P333 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
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

3.1 Chemical characterization: Mixtures

Components:
- 9016-87-9 diphenylmethane diisocyanate, isomers and homologues
  - Resp Sens 1, H334; STOT RE 2, H373
  - Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335
  - 36-43%
- 101-68-8 4,4'-methylenediphenyl diisocyanate
  - Resp Sens 1, H334; Carc 2, H351; STOT RE 2, H373
  - Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335
  - 23-30%

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

4 First-aid measures

4.1.1 Description of first aid measures
- After inhalation:
  - Supply fresh air and to be sure to call for a doctor.
  - Provide oxygen treatment if affected person has difficulty breathing.
  - In case of irregular breathing or respiratory arrest provide artificial respiration.
  - In case of unconsciousness place patient stably in side position for transportation.
- 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.
- 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:
  - Asthma attacks
  - Headache
  - Breathing difficulty
  - Coughing
  - Allergic reactions
  - Irritant to skin and mucous membranes.
  - Causes eye irritation.
  - May cause respiratory irritation.
  - Gastric or intestinal disorders when ingested.
  - Nausea in case of ingestion.
- Danger:
  - Danger of impaired breathing.
  - Harmful if inhaled.
  - May cause damage to organs through prolonged or repeated exposure.
  - May cause cancer.

4.1.2 Indication of any immediate medical attention and special treatment needed:
- Contains isocyanates. Consult literature for specific antidotes.
- 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.
- Treat skin and mucous membrane with antihistamine and corticoid preparations.
- In cases of irritation to the lungs, initial treatment with cortical steroid inhalants.

5 Fire-fighting measures

5.1 Suitable extinguishing agents:
- CO2, extinguishing powder or water spray.
  - Fight larger fires with water spray.
5.2 For safety reasons unsuitable extinguishing agents: Water stream.
47.0.2  

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.

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  
Avoid splashes or spray in enclosed areas.  
Use only in well ventilated areas.  
Avoid breathing mist, vapors, or spray.  
Avoid contact with the eyes and skin.  

Information about protection against explosions and fires:  
Keep respiratory protective device available.  

Conditions for safe storage, including any incompatibilities  
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.  
Protect from humidity and water.  

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>PEL (USA) Ceiling limit value:</th>
<th>REL (USA) Long-term value:</th>
<th>TLV (USA) Long-term value:</th>
<th>EL (Canada) Long-term value:</th>
<th>LMPE (Mexico) Long-term value:</th>
</tr>
</thead>
<tbody>
<tr>
<td>101-68-84 4,4' -methylene diphenyl diisocyanate</td>
<td>0.2 mg/m³, 0.02 ppm</td>
<td>0.05 mg/m³, 0.005 ppm</td>
<td>0.051 mg/m³, 0.005 ppm</td>
<td>0.005 ppm</td>
<td>0.005 ppm</td>
</tr>
<tr>
<td></td>
<td>*10-min Ceiling limit value:</td>
<td>*10-min Long-term value:</td>
<td>*10-min Long-term value:</td>
<td>*10-min Ceiling limit value:</td>
<td>*10-min Ceiling limit value:</td>
</tr>
</tbody>
</table>

Exposure controls  

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  

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

Risk management measures  
No relevant information available.
9 Physical and chemical properties

- Information on basic physical and chemical properties
  - Appearance:
    - Form: Liquid
    - Color: Amber colored
    - Odor: Musty.
    - Odor threshold: Not determined.
  - pH-value: Not determined.
  - Melting point/Melting range: Not determined.
  - Boiling point/Boiling range: Not determined.
  - Flash point: >93.3 °C (>199.9 °F) (closed cup)
  - Flammability (solid, gaseous): Not applicable.
  - Auto-ignition temperature: >300 °C (>572 °F)
  - 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): <0.001 mmHg
  - Density:
    - Relative density: 1.15 (water=1)
    - Vapor density: >1 (air=1)
    - 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.

- 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.
  - Exothermic polymerization.

11 Toxicological information

- Information on toxicological effects
  - Acute toxicity: Harmful if inhaled.
  - LD/LC50 values that are relevant for classification:
    - 101-68-8 4,4'-methylene diphenyl 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.

- Probable route(s) of exposure:
  - Ingestion.
  - Inhalation.
  - Eye contact.
  - Skin contact.

- Germ cell mutagenicity: 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.

(Cont’d. on page 7)
47.0.2 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.

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.

Transport hazard class(es)

DOT, ADR, IMDG, IATA

Class: 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):

9016-87-9 diphenylmethanediisocyanate, isomers and homologues

101-68-8 4,4’-methylene diphenyl 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 developmental toxicity for females:

None of the ingredients are listed.

Chemicals known to cause developmental 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):

9016-87-9 diphenylmethanediisocyanate, isomers and homologues CBD

101-68-8 4,4’-methylene diphenyl disocyanate D, CBD

IARC (International Agency for Research on Cancer):

None of the ingredients are listed.

Canadian Domestic Substances List (DSL) (Substances not listed):

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.

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

Printing date: June 08, 2018  Revision: June 08, 2018

Trade name: SRG Part B ISO

<table>
<thead>
<tr>
<th>LD50</th>
<th>Lethal dose, 50 percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBT</td>
<td>Persistent, Bio-accumulable, Toxic</td>
</tr>
<tr>
<td>vPvB</td>
<td>very Persistent and very Bioaccumulative</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety &amp; Health Administration</td>
</tr>
<tr>
<td>Acute Tox.</td>
<td>Acute toxicity – Category 4</td>
</tr>
<tr>
<td>Skin Irrit.</td>
<td>Skin corrosion/irritation – Category 2</td>
</tr>
<tr>
<td>Eye Irrit.</td>
<td>Serious eye damage/eye irritation – Category 2A</td>
</tr>
<tr>
<td>Resp. Sens.</td>
<td>Respiratory sensitisation – Category 1</td>
</tr>
<tr>
<td>Skin Sens.</td>
<td>Skin sensitisation – Category 1</td>
</tr>
<tr>
<td>Carc.</td>
<td>Carcinogenicity – Category 2</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity (single exposure) – Category 3</td>
</tr>
<tr>
<td>STOT RE 2</td>
<td>Specific target organ toxicity (repeated exposure) – Category 2</td>
</tr>
</tbody>
</table>

Sources
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Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)
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Safety Data Sheets, Individual Manufacturers

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