SAFETY DATA SHEET
FR5 MAX | Part A (Resin)

According to WHMIS 2015, in compliance with the Hazardous Product Act (HPA, as amended) and the requirements of the Hazardous Product Regulations (HPR)

1. Identification

Product identifier
Product name FR5 MAX | Part A

Recommended use of the chemical and restrictions on use
Restriction on use Resin.

Details of the supplier of the safety data sheet
Supplier UCAN Fastening Products
155 Champagne Drive, Unit 10
Toronto, Ontario, M3J 2C6
Tel.: 416-631-9400 | Fax: 416-631-9426 | Email: sales@ucanfast.com
Toll Free: CAD 1-800-268-1248 | USA 1-800-461-8226

Web www.ucanfast.com

Contact person Balwant K. Arjune | 416-631-9400 Ex. 252

Emergency telephone number
Emergency telephone CHEMTRAC 800-424-9300 (24 hr. Emergency)

2. Hazard identification

Classification of the substance or mixture
Physical hazards Flam. Liq. 3 - H226
Health hazards Eye Irrit. 2 - H319 Skin Sens. 1 - H317

Label elements
Pictogram

Signal word Warning

Hazard statements H226 Flammable liquid and vapour.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
FR5 MAX | Part A (Resin)

Precautionary statements

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 Keep container tightly closed.
- P261 Avoid breathing vapour/ spray.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
- P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P501 Dispose of contents/ container in accordance with national regulations.

Contains

2-HYDROXYPROPYL METHACRYLATE

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>2-HYDROXYPROPYL METHACRYLATE</th>
<th>5-10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 27813-02-1</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VINYL TOLUENE</th>
<th>5-10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 25013-15-4</td>
<td></td>
</tr>
</tbody>
</table>

4. First-aid measures

Description of first aid measures

- **Inhalation**: Move affected person to fresh air at once. Get medical attention if any discomfort continues.
- **Ingestion**: Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
- **Skin contact**: Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
- **Eye contact**: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

Most important symptoms and effects, both acute and delayed

- **Inhalation**: May cause respiratory irritation.
- **Ingestion**: May cause discomfort if swallowed.
- **Skin contact**: May cause skin irritation/eczema.
- **Eye contact**: Irritation of eyes and mucous membranes.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor: No specific recommendations. If in doubt, get medical attention promptly.

5. Fire-fighting measures

Extinguishing media

- **Suitable extinguishing media**: Extinguish with foam, carbon dioxide or dry powder.

Specific hazards arising from the hazardous product

Specific hazards: No unusual fire or explosion hazards noted.
**FR5 MAX | Part A (Resin)**

### Hazardous combustion products
- Oxides of carbon.

### Advice for firefighters

**Protective actions during firefighting**
- Avoid breathing fire gases or vapours.

**Special protective equipment for firefighters**
- Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**
- Wear protective clothing as described in Section 8 of this safety data sheet.

**Environmental precautions**
- Avoid release to the environment.

**Methods and material for containment and cleaning up**

**Methods for cleaning up**
- Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

### 7. Handling and storage

**Precautions for safe handling**

**Usage precautions**
- Do not use in confined spaces without adequate ventilation and/or respirator.

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

**Storage precautions**
- Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from oxidizing materials, heat and flames.

**Storage class**
- Chemical storage.

**Specific end use(s)**
- The identified uses for this product are detailed in Section 1.

### 8. Exposure controls/Personal protection

**Control parameters**

**Occupational exposure limits**

**VINYL TOLUENE**
- Long-term exposure limit (8-hour TWA): ACGIH 50 ppm 242 mg/m³
- Short-term exposure limit (15-minute): ACGIH 100 ppm 483 mg/m³

A4
- ACGIH = American Conference of Governmental Industrial Hygienists.
- A4 = Not Classifiable as a Human Carcinogen.

**Exposure controls**

**Protective equipment**
FR5 MAX | Part A (Resin)

Appropriate engineering controls
Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eyes/face protection
The following protection should be worn: Chemical splash goggles.

Hand protection
It is recommended that chemical-resistant, impervious gloves are worn.

Other skin and body protection
Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures
DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection
No specific recommendations.

Environmental exposure
Keep container tightly sealed when not in use.

9. Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Beige</td>
</tr>
<tr>
<td>Odour</td>
<td>Aromatic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not determined.</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>&gt;165°C @</td>
</tr>
<tr>
<td>Flash point</td>
<td>53°C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation factor</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Other flammability</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>6 hPa @ 20°C</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.65 - 1.75 @ 20°C</td>
</tr>
<tr>
<td>Bulk density</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>&gt; 60 S ISO2431</td>
</tr>
</tbody>
</table>
### FR5 MAX | Part A (Resin)

<table>
<thead>
<tr>
<th>Explosive properties</th>
<th>No information available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxidising properties</td>
<td>Does not meet the criteria for classification as oxidizing.</td>
</tr>
</tbody>
</table>

#### 10. Stability and reactivity

<table>
<thead>
<tr>
<th>Reactivity</th>
<th>The following materials may react with the product: Organic peroxides/hydroperoxides.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable at normal ambient temperatures.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>Does not decompose when used and stored as recommended.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Conditions to avoid</th>
<th>Avoid excessive heat for prolonged periods of time.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Materials to avoid</td>
<td>Organic peroxides/hydroperoxides.</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>Oxides of carbon.</td>
</tr>
</tbody>
</table>

#### 11. Toxicological information

**Information on toxicological effects**

**Acute toxicity - inhalation**

- **ATE inhalation (vapours mg/l)**: 159.52
- **Skin sensitization**: Sensitising.

**Inhalation**

Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

**Ingestion**

May cause discomfort if swallowed.

**Skin contact**

May cause sensitization by skin contact. May cause irritation.

**Eye contact**

Irritating to eyes.

**Acute and chronic health hazards**

Irritating to eyes. May cause sensitization by skin contact.

**Route of exposure**

Skin and/or eye contact.

**Medical symptoms**

Irritation of eyes and mucous membranes. Skin irritation.

**Medical considerations**

Skin disorders and allergies.

#### 12. Ecological information

**Bioaccumulative potential**

- No data available on bioaccumulation.

**Partition coefficient**

- Not determined.

**Mobility in soil**

- Not applicable.

**Other adverse effects**
### FR5 MAX | Part A (Resin)

**Other adverse effects**  
Not applicable.

### 13. Disposal considerations

<table>
<thead>
<tr>
<th>Waste treatment methods</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General information</strong></td>
<td>Dispose of waste product or used containers in accordance with local regulations</td>
</tr>
<tr>
<td><strong>Disposal methods</strong></td>
<td>Dispose of waste via a licensed waste disposal contractor.</td>
</tr>
</tbody>
</table>

### 14. Transport information

<table>
<thead>
<tr>
<th>UN number</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UN No. (TDG)</td>
<td>1866</td>
</tr>
<tr>
<td>UN No. (IMDG)</td>
<td>1866</td>
</tr>
<tr>
<td>UN No. (ICAO)</td>
<td>1866</td>
</tr>
<tr>
<td>UN No. (DOT)</td>
<td>UN1866</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UN proper shipping name</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name (TDG)</td>
<td>RESIN SOLUTION</td>
</tr>
<tr>
<td>Proper shipping name (IMDG)</td>
<td>RESIN SOLUTION</td>
</tr>
<tr>
<td>Proper shipping name (ICAO)</td>
<td>RESIN SOLUTION</td>
</tr>
<tr>
<td>Proper shipping name (DOT)</td>
<td>RESIN SOLUTION</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transport hazard class(es)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT class</td>
<td>3</td>
</tr>
<tr>
<td>DOT hazard label</td>
<td>3</td>
</tr>
<tr>
<td>TDG class</td>
<td>3</td>
</tr>
<tr>
<td>TDG label(s)</td>
<td>3</td>
</tr>
<tr>
<td>IMDG class</td>
<td>3</td>
</tr>
<tr>
<td>ICAO class/division</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transport labels</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT transport label</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Packing group</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>TDG packing group</td>
<td>III</td>
</tr>
<tr>
<td>IMDG packing group</td>
<td>III</td>
</tr>
<tr>
<td>ICAO packing group</td>
<td>III</td>
</tr>
<tr>
<td>DOT packing group</td>
<td>III</td>
</tr>
</tbody>
</table>

### Environmental hazards
FR5 MAX | Part A (Resin)

Environmen tally hazardous substance/marine pollutant
No.

Special precautions for user
EmS F-E, S-E

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

15. Regulatory Information

Guidance Workplace Exposure Limits EH40.

Inventories
Canada - DSL/NDSL
All the ingredients are listed or exempt.

US - TSCA All the ingredients are listed or exempt.

16. Other information

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date 14/03/2019
Version number 2.000
Supersedes date 23/03/2016
SDS number 20343

Hazard statements in full H226 Flammable liquid and vapour.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.
SAFETY DATA SHEET
FR5 MAX | Part B (Hardener)

According to WHMIS 2015, in compliance with the Hazardous Product Act (HPA, as amended) and the requirements of the Hazardous Product Regulations (HPR)

1. Identification

Product identifier
FR5 MAX | Part B

Product name
FR5 MAX | Part B

Recommended use of the chemical and restrictions on use
Restriction on use
Catalyst.

Details of the supplier of the safety data sheet
Supplier
UCAN Fastening Products
155 Champagne Drive, Unit 10
Toronto, Ontario, M3J 2C6
Tel.: 416-631-9400 | Fax: 416-631-9426 | Email: sales@ucanfast.com
Toll Free: CAD 1-800-268-1248 | USA 1-800-461-8226

Web
www.ucanfast.com

Contact person
Balwant K. Arjune | 416-631-9400 Ex. 252

Emergency telephone number
Emergency telephone
CHEMTRAC 800-424-9300 (24 hr. Emergency)

2. Hazard identification

Classification of the substance or mixture
Physical hazards
Not Classified

Health hazards
Eye Irrit. 2A - H319 Skin Sens. 1 - H317

Human health
May cause skin disorders if contact is repeated or prolonged. May irritate eyes and skin.

Environmental
The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

Physicochemical
Not considered to be a significant hazard due to the small quantities used.

Label elements

Pictogram

Signal word
Warning
Hazard statements
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Precautionary statements
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P501 Dispose of contents/ container in accordance with national regulations.
P273 Avoid release to the environment.

Contains
BENZOYL PEROXIDE

3. Composition/Information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>GLYCERINE</th>
<th>20-50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 56-81-5</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BENZOYL PEROXIDE</th>
<th>10-20%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 94-36-0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 670241-72-2</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ZINC DISTEARATE</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 557-05-1</td>
<td></td>
</tr>
</tbody>
</table>

4. First-aid measures

Description of first aid measures

Inhalation
Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion
Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin contact
Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact
Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

Most important symptoms and effects, both acute and delayed

Ingestion
May cause discomfort if swallowed.

Skin contact
Causes skin irritation.

Eye contact
Irritation of eyes and mucous membranes.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor
No specific recommendations. If in doubt, get medical attention promptly.

5. Fire-fighting measures

Extinguishing media
Extinguish with foam, carbon dioxide or dry powder.

Specific hazards arising from the hazardous product

Specific hazards
No specific precautions due to the small quantities handled.

Hazardous combustion
Oxides of carbon.

Advice for firefighters

Protective actions during firefighting
Avoid breathing fire gases or vapours.

Special protective equipment for firefighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions
Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions
Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up
Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

Reference to other sections

Reference to other sections
Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions
Keep away from heat, sparks and open flame.

Advice on general occupational hygiene
Do not eat, drink or smoke when using this product. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Conditions for safe storage, including any incompatibilities

Storage precautions
Keep away from flammable and combustible materials. Store in closed original container at temperatures between 5°C and 25°C.

Storage class
Chemical storage.

Specific end use(s)
The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

GLYCERINE
Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m³
Short-term exposure limit (15-minute): ACGIH

BENZOYL PEROXIDE
FR5 MAX | Part B

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m³
A4
ACGIH = American Conference of Governmental Industrial Hygienists.
A4 = Not Classifiable as a Human Carcinogen.

Exposure controls

Protective equipment

Appropriate engineering controls
Provide adequate ventilation.

Eye/face protection
The following protection should be worn: Chemical splash goggles.

Hand protection
Wear protective gloves made of the following material: Nitrile rubber.

Other skin and body protection
Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures
Wash at the end of each work shift and before eating, smoking and using the toilet. DO NOT SMOKE IN WORK AREA!

Respiratory protection
No specific recommendations.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance
Liquid

Colour
Black.

Odour
Characteristic.

Odour threshold
Not determined.

pH
5 - 6

Melting point
Not applicable.

Initial boiling point and range
Not applicable.

Flash point
Not applicable.

Evaporation rate
Not determined.

Evaporation factor
Not determined.

Flammability (solid, gas)
Not determined.

Upper/lower flammability or explosive limits
Not determined.

Other flammability
Not determined.

Vapour pressure
Not determined.

Vapour density
Not determined.

Relative density
1.5 - 1.6

Bulk density
Not applicable.

Solubility(ies)
Not determined.
FR5 MAX | Part B

Partition coefficient
Not determined.

Auto-ignition temperature
Not determined.

Decomposition Temperature
>50°C

Viscosity
> 60 S ISO2431

Explosive properties
No information available.

Oxidising properties
Not determined.

10. Stability and reactivity

Reactivity
The following materials may react with the product: Acids. Alkalis. Amines. Strong reducing agents.

Stability
Stable at normal ambient temperatures and when used as recommended. Will decompose at temperatures exceeding 50°C.

Possibility of hazardous reactions
Will not polymerize.

Conditions to avoid
Avoid contact with strong reducing agents. Avoid heat. Avoid contact with acids and alkalis.

Materials to avoid

Hazardous decomposition products

11. Toxicological information

Information on toxicological effects

Skin sensitization
Skin sensitization
Sensitising.

Inhalation
No specific health hazards known.

Ingestion
May cause discomfort if swallowed.

Skin contact
Irritating to skin. May cause sensitization by skin contact.

Eye contact
Irritation of eyes and mucous membranes.

Route of exposure
Skin and/or eye contact.

Medical symptoms
Skin irritation. Irritation of eyes and mucous membranes.

Medical considerations
No information available.

12. Ecological information

Persistence and degradability
There are no data on the degradability of this product.

Bioaccumulative potential
No data available on bioaccumulation.

Partition coefficient
Not determined.
FR5 MAX | Part B

Mobility in soil
Mobility
Mobile. The product is partly miscible with water and may spread in the aquatic environment.

13. Disposal considerations

Waste treatment methods
General information
Dispose of waste product or used containers in accordance with local regulations
Disposal methods
Dispose of waste via a licensed waste disposal contractor.

14. Transport information

UN number

| UN No. (TDG) | 3082 |
| UN No. (IMDG) | 3082 |
| UN No. (ICAO) | 3082 |
| UN No. (DOT) | UN3082 |

UN proper shipping name

| Proper shipping name (TDG) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BENZONYL PEROXIDE, BENZOIC ACID, NONYL ESTER, BRANCHED AND LINEAR) |
| Proper shipping name (IMDG) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BENZONYL PEROXIDE, BENZOIC ACID, NONYL ESTER, BRANCHED AND LINEAR) |
| Proper shipping name (ICAO) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS BENZONYL PEROXIDE, BENZOIC ACID, NONYL ESTER, BRANCHED AND LINEAR) |
| Proper shipping name (DOT) | ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (CONTAINS BENZONYL PEROXIDE, BENZOIC ACID, NONYL ESTER, BRANCHED AND LINEAR) |

Transport hazard class(es)

| DOT class | 9 |
| DOT hazard label | 9 |
| TDG class | 9 |
| TDG label(s) | 9 |
| IMDG class | 9 |
| ICAO class/division | 9 |

Transport labels

DOT transport label

Packing group

| TDG packing group | III |
FR5 MAX | Part B

IMDG packing group  III
ICAO packing group  III
DOT packing group  III

Environmental hazards
Environmentally hazardous substance/marine pollutant

Special precautions for user
EmS  F-A, S-F

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

15. Regulatory information

Inventories
Canada - DSL/NDSL
All the ingredients are listed or exempt.

US - TSCA All the ingredients are listed or exempt.

16. Other information

Revision comments  NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date  14/03/2019
Version number  2.002
Supersedes date  23/03/2016
SDS number  20483
Hazard statements in full  H317 May cause an allergic skin reaction.
                         H319 Causes serious eye irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.