SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : TF 1000 – Thermo-Flex Acrylic Roof Coating
Product code : TF 1000 Series

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Acrylic Elasto-Meric Fluid-Applied Coating
Use of the substance/mixture : For professional use only

1.3. Details of the supplier of the safety data sheet

Lapolla Industries, Inc.
15402 Vantage Parkway East, Ste. 322
Houston, Texas 77032
Tel: +1 281 219 4100, (877) 636-2648
Email: sds@lapolla.com

1.4. Emergency telephone number

Emergency number : CARECHEM (866) 928-0789

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification
Skin Sens. 1 H317
Carc. 2 H351

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :

- GHS07
- GHS08

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) :
H317 - May cause an allergic skin reaction
H351 - Suspected of causing cancer

Precautionary statements (GHS-US) :
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P261 - Avoid breathing mist, spray, vapours, fume, dust, gas
P272 - Contaminated work clothing must not be allowed out of the workplace
P280 - Wear eye protection, protective clothing, protective gloves
P302+P352 - If on skin: Wash with plenty of water
P308+P313 - If exposed or concerned: Get medical advice/attention
P321 - Specific treatment (see on this label)
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse
P405 - Store locked up
P501 - Dispose of contents/container to comply with applicable local, national and international regulation.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable
TF 1000 – Thermo-Flex Acrylic Roof Coating
Safety Data Sheet
according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

SECTION 3: Composition/information on ingredients

### 3.1. Substance
Not applicable

### 3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>(CAS No) 13463-67-7</td>
<td>&lt; 7.5</td>
<td>Carc. 2, H351</td>
</tr>
<tr>
<td>Ammonia</td>
<td>(CAS No) 7664-41-7</td>
<td>&lt;1</td>
<td>Flam. Gas 2, H221 Compressed gas, H280</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 3 (Inhalation: gas),</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>H331 Skin Corr. 1B, H314</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 1, H318</td>
</tr>
<tr>
<td>Pentapotassium triphosphate</td>
<td>(CAS No) 13845-36-8</td>
<td>&lt;1</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
<tr>
<td>3(2H)-Isothiazolone, 4,5-dichloro-2-octyl-</td>
<td>(CAS No) 64359-81-5</td>
<td>&lt;0.2</td>
<td>Skin Corr. 1B, H314 Eye Dam. 1, H318</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Sens. 1, H317</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

SECTION 4: First aid measures

### 4.1. Description of first aid measures

**First-aid measures general**: In all cases of doubt, or when symptoms persist, seek medical attention.

**First-aid measures after inhalation**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get immediate medical advice/attention.

**First-aid measures after skin contact**: Remove contaminated clothing and shoes. Wash hands with water and soap. Seek medical attention if irritation develops.

**First-aid measures after eye contact**: In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately get medical attention.

**First-aid measures after ingestion**: If swallowed, rinse mouth with water (only if the person is conscious). Immediately call a POISON CENTER or doctor/physician. Give water to drink if victim completely conscious/alert. Never give anything by mouth to an unconscious person.

### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms/injuries after inhalation**: Inhalation of mist or aerosol may cause irritation to nose and throat. In case of repeated or prolonged exposure: Lungs irritation. Dizziness, headaches, nausea. Suspected of causing cancer if inhaled.

**Symptoms/injuries after skin contact**: May cause an allergic skin reaction. Prolonged or repeated contact with the skin may cause dermatitis.

**Symptoms/injuries after eye contact**: May cause eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

**Symptoms/injuries after ingestion**: Abdominal pain, nausea. Vomiting.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media**: carbon dioxide (CO2), water, dry chemical powder. Foam.

**Unsuitable extinguishing media**: Do not use a water jet since it may cause the fire to spread.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

**Firefighting instructions**: Exercise caution when fighting any chemical fire.

**Protective equipment for firefighters**: Wear proper protective equipment. Wear a self-contained breathing apparatus.

**Other information**: Prevent entry to sewers and public waters. Material can splash above 100° C (212° F). Dried product can burn.
SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Ensure adequate ventilation. The vapour is heavier than air; beware of pits and confined spaces. Spilled material may present a slipping hazard. Stop leak if safe to do so. No action shall be taken involving any personal risk or without suitable training.

6.1.1. For non-emergency personnel

Protective equipment: Wear suitable protective clothing. Refer to section 8.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Evacuate unnecessary personnel.

6.2. Environmental precautions

Do not discharge into drains or the environment. Relevant water authorities should be notified of any large spillage to water course or drain.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Wear proper protective equipment. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Collect all waste in suitable and labelled containers and dispose according to local legislation. Avoid static electricity discharges. Store away from other materials. Dispose of contents/container to comply with applicable local, national and international regulations.

6.4. Reference to other sections

For further information refer to section 8: Exposure-controls/personal protection. For disposal of residues refer to section 13: Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Obtain special instructions before use. Use only in well-ventilated areas. Avoid all eye and skin contact and do not breathe vapour and mist. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container closed when not in use. Take precautionary measures against static discharge. Ensure adequate ventilation.

Hygiene measures: Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practices. Wash exposed skin thoroughly with soap and water after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Provide adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

Storage conditions: Keep container tightly closed in a cool place. Keep only in the original container in a cool, well-ventilated place away from highly flammable substances. Store away from direct sunlight or other heat sources. PROTECT FROM FREEZING DURING SHIPMENT AND STORAGE. Do not store material at temperatures below 50 °F (10 °C).


7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>TF 1000 – Thermo-Flex Acrylic Roof Coating</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ammonia (7664-41-7)</th>
<th>ACGIH TWA (ppm)</th>
<th>ACGIH STEL (ppm)</th>
<th>OSHA PEL (TWA) (mg/m³)</th>
<th>OSHA PEL (TWA) (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>35 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OSHA PEL (TWA) (ppm)</td>
<td>35 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide (13463-67-7)</td>
<td>ACGIH TWA (mg/m³)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACGIH</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>10 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Titanium dioxide (13463-67-7)

<table>
<thead>
<tr>
<th></th>
<th>OSHA PEL (TWA) (mg/m³)</th>
<th>15 mg/m³ (total dust)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSHA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Pentapotassium triphosphate (13845-36-8)

<table>
<thead>
<tr>
<th></th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>OSHA</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
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</table>

3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (64359-81-5)

<table>
<thead>
<tr>
<th></th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>OSHA</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Provide adequate ventilation. Provide local exhaust or general room ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment: Insufficient ventilation: wear respiratory protection. Protective goggles. Gloves. Protective clothing. For certain operations, additional Personal Protection Equipment (PPE) may be required.

Hand protection: Wear protective gloves. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Eye protection: Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles. Contact lenses should not be worn.

Skin and body protection: Long sleeved protective clothing. Personal protective clothing should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling.

Respiratory protection: An approved organic vapour respirator/supplied air or self-contained breathing apparatus must be used when vapour concentration exceeds applicable exposure limits. Use an approved air purifying respirator equipped with an ammonia/methylamine cartridge. Respirators should be used in accordance with OSHA requirements (29 CFR 1910.134).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: White or colors
- Odour: Slight odour
- Odour threshold: No data available
- pH: 8.5 - 9.5
- Relative evaporation rate (butyl acetate=1): No data available
- Melting point: No data available
- Freezing point: No data available
- Boiling point: 100 °C (212 °F)
- Flash point: 115 °C (240 °F)
- Auto-ignition temperature: No data available
- Decomposition temperature: No data available
- Flammability (solid, gas): No data available
- Vapour pressure: No data available
- Relative vapour density at 20 °C: Heavier than air
- Relative density: No data available
- Density: 1.44 Specific Gravity
- Solubility: Soluble in water.
  Water: Soluble
TF 1000 – Thermo-Flex Acrylic Roof Coating
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according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

- **Log Pow**: No data available
- **Log Kow**: No data available
- **Viscosity, kinematic**: No data available
- **Viscosity, dynamic**: No data available
- **Explosive properties**: No data available
- **Oxidising properties**: No data available
- **Explosive limits**: No data available

### 9.2. Other information

**VOC content**: 20.1 g/l (0.17 lb/gal)

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Stable at normal conditions. Will freeze and become unusable at temperatures below 32°F (0 °C).

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

Avoid freezing, heat, open flame, sparks, hot surfaces, ignition sources, elevated temperature. Avoid exposure to temperatures above 150 °F (65.6 °C). May emit toxic materials when heated to 350 °F (177 °C) or above.

#### 10.5. Incompatible materials


#### 10.6. Hazardous decomposition products

Hazardous combustion products are Carbon dioxide, carbon monoxide, smoke, fumes, unburned hydrocarbons and oxides of sulfur, phosphorus, zinc and/or nitrogen.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Acute toxicity**: Not classified

*(Based on available data, the classification criteria are not met)*

<table>
<thead>
<tr>
<th>Substance</th>
<th><strong>LD50 oral rat</strong></th>
<th><strong>LC50 inhalation rat (ppm)</strong></th>
<th><strong>ATE US (oral)</strong></th>
<th><strong>ATE US (gases)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia (7664-41-7)</td>
<td>350 mg/kg</td>
<td>2000 ppm/4h</td>
<td>350,000 mg/kg bodyweight</td>
<td>2000,000 ppmv/4h</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Substance</th>
<th><strong>LD50 oral rat</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide (13463-67-7)</td>
<td>&gt; 10000 mg/kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Substance</th>
<th><strong>LD50 oral rat</strong></th>
<th><strong>ATE US (oral)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pentapotassium triphosphate (13845-36-8)</td>
<td>2000 mg/kg</td>
<td>2000,000 mg/kg bodyweight</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**: Not classified

*(Based on available data, the classification criteria are not met)*

**pH**: 8.5 - 9.5

**Serious eye damage/irritation**: Not classified

*(Based on available data, the classification criteria are not met)*

**pH**: 8.5 - 9.5

**Respiratory or skin sensitisation**: May cause an allergic skin reaction.

**Germ cell mutagenicity**: Not classified

*(Based on available data, the classification criteria are not met)*
Carcinogenicity: Suspected of causing cancer.

<table>
<thead>
<tr>
<th>Titanium dioxide (13463-67-7)</th>
<th>IARC group</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2B - Possibly carcinogenic to humans</td>
</tr>
</tbody>
</table>

Reproductive toxicity: Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (single exposure): Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (repeated exposure): Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard: Not classified (Based on available data, the classification criteria are not met)

Symptoms/injuries after inhalation: Inhalation of mist or aerosol may cause irritation to nose and throat. In case of repeated or prolonged exposure: Lungs irritation, Dizziness, headaches, nausea. Suspected of causing cancer if inhaled.

Symptoms/injuries after skin contact: May cause an allergic skin reaction. Prolonged or repeated contact with the skin may cause dermatitis.

Symptoms/injuries after eye contact: May cause eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

Symptoms/injuries after ingestion: Abdominal pain, nausea, Vomiting.

**SECTION 12: Ecological information**

12.1. Toxicity

Ecology - water: Harmful to aquatic life with long lasting effects

<table>
<thead>
<tr>
<th>Ammonia (7664-41-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
</tr>
<tr>
<td>LC50 fish 2</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Ammonia (7664-41-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Pow</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other adverse effects: Prevent entry to sewers and public waters.

Effect on ozone layer: No additional information available

Effect on the global warming: No additional information available
# TF 1000 – Thermo-Flex Acrylic Roof Coating

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

| Waste disposal recommendations | Dispose of contents/container to comply with applicable local, national and international regulations. Consult the appropriate authorities about waste disposal. |
| Additional information          | Do not re-use empty containers. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to flames, sparks, heat, or other potential ignition sources. |
| Ecology - waste materials       | Avoid release to the environment. Do not allow into drains or water courses. |

## SECTION 14: Transport information

In accordance with DOT

Not regulated for transport

### Additional information

| Other information | No supplementary information available. |

ADR

No additional information available

**Transport by sea**

No additional information available

**Air transport**

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### Ammonia (7664-41-7)

| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| Listed on the United States SARA Section 302 |
| Listed on United States SARA Section 313 |

| RQ (Reportable quantity, section 304 of EPA's List of Lists) | 100 lb |
| SARA Section 302 Threshold Planning Quantity (TPQ) | 500 |

| SARA Section 313 - Emission Reporting | 1.0 % (includes anhydrous Ammonia and aqueous Ammonia from water dissociable Ammonium salts and other sources, 10% of total aqueous Ammonia is reportable under this listing) |

#### Titanium dioxide (13463-67-7)

| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

#### Pentapotassium triphosphate (13845-36-8)

| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

#### 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (64359-81-5)

| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

### 15.2. International regulations

**CANADA**

#### Ammonia (7664-41-7)

| Listed on the Canadian DSL (Domestic Sustances List) |

| WHMIS Classification | Class A - Compressed Gas |
|                      | Class B Division 1 - Flammable Gas |
|                      | Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects |
|                      | Class E - Corrosive Material |

#### Titanium dioxide (13463-67-7)

| Listed on the Canadian DSL (Domestic Sustances List) |

| WHMIS Classification | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects |
### EU-Regulations

<table>
<thead>
<tr>
<th>Substance</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pentapotassium triphosphate (13845-36-8)</td>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
<tr>
<td>3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (64359-81-5)</td>
<td>Listed on the Canadian NDSL (Non-Domestic Substances List)</td>
</tr>
</tbody>
</table>

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

No additional information available.

### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

No additional information available.

#### 15.2. National regulations

**Ammonia (7664-41-7)**

- Listed on the AICS (Australian Inventory of Chemical Substances)
- Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
- Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
- Listed on the Korean ECL (Existing Chemicals List)
- Listed on NZIoC (New Zealand Inventory of Chemicals)
- Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
- Japanese Poisonous and Deleterious Substances Control Law
- Listed on the Canadian IDL (Ingredient Disclosure List)

**Titanium dioxide (13463-67-7)**

- Listed on the AICS (Australian Inventory of Chemical Substances)
- Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
- Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
- Listed on the Korean ECL (Existing Chemicals List)
- Listed on NZIoC (New Zealand Inventory of Chemicals)
- Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

**Pentapotassium triphosphate (13845-36-8)**

- Listed on the AICS (Australian Inventory of Chemical Substances)
- Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
- Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
- Listed on the Korean ECL (Existing Chemicals List)
- Listed on NZIoC (New Zealand Inventory of Chemicals)
- Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

**3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (64359-81-5)**

- Listed on the AICS (Australian Inventory of Chemical Substances)
- Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
- Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
- Listed on the Japanese ISHL (Industrial Safety and Health Law)
- Listed on NZIoC (New Zealand Inventory of Chemicals)
- Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

#### 15.3. US State regulations

---

03/05/2015 EN (English) 8/9
Titanium dioxide (13463-67-7)

<table>
<thead>
<tr>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>No significance risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

SECTION 16: Other information

Indication of changes : 2.1. Classification of the substance or mixture. 3. Composition/information on ingredients.

Revision date : 03/04/2015

Sources of Key data : SDS - Safety Data Sheet.

Other information : None.

Full text of H-phrases:

<table>
<thead>
<tr>
<th>Acute Tox. 3 (Inhalation:gas)</th>
<th>Acute toxicity (inhalation:gas) Category 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 (Oral)</td>
<td>Acute toxicity (oral), Category 4</td>
</tr>
<tr>
<td>Carc. 2</td>
<td>Carcinogenicity, Category 2</td>
</tr>
<tr>
<td>Compressed gas</td>
<td>Gases under pressure: Compressed gas</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation, Category 1</td>
</tr>
<tr>
<td>Flam. Gas 2</td>
<td>Flammable gases, Category 2</td>
</tr>
<tr>
<td>Skin Corr. 1B</td>
<td>Skin corrosion/irritation Category 1B</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Sensitisation — Skin, category 1</td>
</tr>
<tr>
<td>H221</td>
<td>Flammable gas</td>
</tr>
<tr>
<td>H280</td>
<td>Contains gas under pressure; may explode if heated</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H331</td>
<td>Toxic if inhaled</td>
</tr>
<tr>
<td>H351</td>
<td>Suspected of causing cancer</td>
</tr>
</tbody>
</table>

HMIS III Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur

Flammability : 0 Minimal Hazard

Physical : 0 Minimal Hazard

Personal Protection : I

SDS US (GHS HazCom 2012)

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