SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKEN

Product identifier : CHO-BOND 1075
Product Code(s) : 1075
SDS No. : PHC-052 EU

Relevant identified uses of the substance or mixture and uses advised against
- Moisture cure adhesive / sealant.
  Use pattern: professional use.

Details of the supplier of the safety data sheet:
Parker Hannifin France
SAS-Etablissement de Saint Ouen l'Aumone-PA du vert
Galant-6/8 avenue du Vert
Galant-95310 Saint Ouen l'Aumone-France

Chomerics Europe
Parker Hannifin Ltd., Seal Group
Unit 6 Century Point
Halifax Road, High Wycombe
Bucks, HP12 3SL
United Kingdom

Telephone : +33 (01) 34 32 39 00 (France); +44 (0) 1494 455 400 (UK)
Emergancy Telephone Number : 001-352-323-3500 (INFOTRAC)

SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Most important hazards: The preparation is classified as dangerous in accordance with Directive 1999/45/EC. Classification:
- Xi - Irritant
- R36/37/38 - Irritating to eyes, respiratory system and skin.

Label elements

Irritant

Hazardous components which must be listed on the label: None.

R36/37/38 - Irritating to eyes, respiratory system and skin.

S23 - Do not breathe fumes, vapour.
S25 - Avoid contact with eyes.
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.
S46 - If swallowed, seek medical advice immediately and show this container or label.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S35 - This material and its container must be disposed of in a safe way.
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Other hazards

Other hazards which do not result in classification:
May slowly hydrolyze in the presence of water to Methanol and Acetic acid. Upon completion of the curing process, these hydrolysis products are no longer released. When heated above 150°C in air, may release formaldehyde gas. Formaldehyde is an eye and throat irritant and acute toxicant. Formaldehyde may cause sensitisation by skin contact. Formaldehyde has shown limited evidence of a carcinogenic effect. Heating or fire can release toxic gas. Silver in the form of a finely divided dust may cause discoloration in contact with skin, and argyrosis in case of inhalation. Inhalation of fumes may result in metal fume fever, a flu-like illness.

Environmental precautions: Not expected to be harmful to aquatic organisms. Avoid release to the environment.

PBT assessment: This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances
Not applicable

Mixtures

Chemical nature of the preparation: Mixture - Inorganic substances in powdered form; silane compounds; Hydrocarbons.

The following substances shall be indicated according to legislation:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS #</th>
<th>EC No.</th>
<th>Concentration</th>
<th>EU Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium</td>
<td>7429-90-5</td>
<td>231-072-3</td>
<td>&lt; 60.0%</td>
<td>F - Highly flammable; R11 - R15</td>
</tr>
<tr>
<td>Polydimethylsiloxane</td>
<td>70131-67-8</td>
<td>Polymer</td>
<td>&lt; 25.0%</td>
<td>Xi - Irritant; R36/37/38 (self classified)</td>
</tr>
<tr>
<td>Silver metal</td>
<td>7440-22-4</td>
<td>231-131-3</td>
<td>&lt; 15.0%</td>
<td>None assigned. Substances for which there are Community workplace exposure limits.</td>
</tr>
<tr>
<td>Octamethyltrisiloxane</td>
<td>107-51-7</td>
<td>203-497-4</td>
<td>&lt; 10.0%</td>
<td>R10 R53 (self classified)</td>
</tr>
<tr>
<td>Trimethoxymethylsilane</td>
<td>1185-55-3</td>
<td>214-685-0</td>
<td>&lt; 5.0%</td>
<td>F - Highly flammable; R11 Xi - Irritant; R36 (self classified)</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>236-675-5</td>
<td>&lt; 1.0%</td>
<td>Xn - Harmful; Carc.Cat.3; R40 (self classified)</td>
</tr>
</tbody>
</table>

Possible decomposition products in case of hydrolysis are:

acetic acid
Methanal

The following ingredient may be released from the product only when heated above 150°C:

| Formaldehyde | 50-00-0 | 200-001-8 | Not known. |

Note: May slowly hydrolyze in the presence of water to Methanol and Acetic acid. Acetic acid, Methanol and Formaldehyde are not intentionally added to this product.

For the full text of the R phrases mentioned in this section, see Section 2 or 16.
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SECTION 4. FIRST-AID MEASURES

Description of first aid measures

**Ingestion**
If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

**Inhalation**
If breathed in, move person into fresh air. If breathing is irregular or stopped, administer artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. When symptoms persist or in all cases of doubt seek medical advice.

**Skin contact**
Remove/Take off immediately all contaminated clothing. Wash off immediately with soap and plenty of water. When symptoms persist or in all cases of doubt seek medical advice. Wash contaminated clothing before re-use.

**Eye contact**
Rinse immediately with plenty of water and seek medical advice.

Most important symptoms and effects, both acute and delayed

Irritating to eyes, respiratory system and skin. Silver in the form of a finely divided dust may cause discoloration in contact with skin, and argyrosis in case of inhalation. Inhalation of fumes may result in metal fume fever, a flu-like illness. When heated above 150°C in air, may release formaldehyde gas. Formaldehyde is an eye and throat irritant and acute toxicant. Formaldehyde has shown limited evidence of a carcinogenic effect. Formaldehyde may cause sensitisation by skin contact. May slowly hydrolyze in the presence of water to Methanol and Acetic acid. Methanol and Acetic acid are dangerous.

Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

**Extinguishing media**

- **Suitable extinguishing media**
  - Carbon dioxide (CO2); Dry chemical; Alcohol-resistant foam.

- **Unsuitable extinguishing media**
  - May react with water.

**Special hazards arising from the substance or mixture**
During cure, vapours are released which may be harmful. May slowly hydrolyze in the presence of water to Methanol and Acetic acid. Upon completion of the curing process, these hydrolysis products are no longer released. The pressure in sealed containers can increase under the influence of heat. Burning produces obnoxious and toxic fumes. In the event of fire the following can be released: Carbon oxides; formaldehyde; Metal oxides; silicon oxides.

**Advice for firefighters**

- **Protective equipment for fire-fighters**
  - Wear self-contained breathing apparatus and protective suit. Fight fire with normal precautions from a reasonable distance.

- **Special fire-fighting procedures**
  - Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**
Wear suitable protective equipment. Keep people away from and upwind of spill/leak.

**Environmental precautions**
Do not allow material to contaminate ground water system. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.
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Methods and material for containment and cleaning up
- Ventilate the area. Prevent further leakage or spillage if safe to do so. Eliminate all ignition sources if safe to do so. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

Reference to other sections
- Refer to protective measures listed in sections 7 and 8. Refer to Section 13 for disposal of contaminated material.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling
- Use only in well-ventilated areas. Wear protective gloves/clothing and eye/face protection. Do not breathe fumes or vapours. Avoid contact with skin, eyes and clothing. Keep away from heat. Protect from moisture. Keep away from acids and other incompatibles. Keep container tightly closed. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities
- Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Inspect periodically for damage or leaks. Protect against physical damage. Keep containers dry and tightly closed to avoid moisture absorption and contamination.

Specific end use(s)
- Adhesive / Sealant

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Exposure Limits</th>
<th>Type</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>acetic acid</td>
<td>10 ppm (25 mg/m³) (TWA)</td>
<td>European Union (OEL)</td>
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<td></td>
<td>5 ppm (13 mg/m³) (TWA)</td>
<td>Finland (OEL)</td>
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<td></td>
<td>10 ppm (25 mg/m³) (STEL)</td>
<td>France (OEL)</td>
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</tr>
<tr>
<td></td>
<td>10 ppm (25 mg/m³) (TWA)</td>
<td>Germany (OEL)</td>
<td>(exposure factor 2)</td>
</tr>
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<td>10 ppm (25 mg/m³) (TWA)</td>
<td>Ireland (OEL)</td>
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</tr>
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<td></td>
<td>15 ppm (37 mg/m³) (STEL)</td>
<td>Poland (OEL)</td>
<td>None.</td>
</tr>
<tr>
<td></td>
<td>10 ppm (25 mg/m³) (TWA)</td>
<td>Spain (OEL)</td>
<td>None.</td>
</tr>
<tr>
<td>Aluminium</td>
<td>10 mg/m³ (metal); 5 mg/m³ (dust) (TWA)</td>
<td>France (OEL)</td>
<td>None.</td>
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<tr>
<td></td>
<td>2.5 mg/m³ (inhalable dust and fume); 1.2 mg/m³ (respirable dust and fume) (TWA)</td>
<td>Poland (OEL)</td>
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<tr>
<td></td>
<td>10 mg/m³ (dust) (TWA)</td>
<td>Spain (OEL)</td>
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</tr>
<tr>
<td></td>
<td>10 mg/m³ (inhalable); 4 mg/m³ (respirable dust) (TWA)</td>
<td>The United Kingdom (The United Kingdom (WELs))</td>
<td>None.</td>
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</tbody>
</table>
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<table>
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<tr>
<th>Chemical</th>
<th>TWA</th>
<th>STEL</th>
<th>Country</th>
<th>EU OEL</th>
<th>France OEL</th>
<th>Italy OEL</th>
<th>Poland OEL</th>
<th>Spain OEL</th>
<th>UK WELs</th>
<th>Remarks</th>
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<td><strong>Formaldehyde</strong></td>
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<td>0.5 mg/m³ (TWA)</td>
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<td>Skin notation</td>
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<td>1 mg/m³ (STEL)</td>
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<td>0.3 ppm (0.37 mg/m³)</td>
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<td>The United Kingdom (The United Kingdom (WELs))</td>
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<td>2 ppm (2.5 mg/m³) (STEL)</td>
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<tr>
<td><strong>Methanol</strong></td>
<td>200 ppm (260 mg/m³)</td>
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<td></td>
<td>Possibility of significant uptake through the skin</td>
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<tr>
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<td>200 ppm (270 mg/m³) (TWA)</td>
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<td></td>
<td>Potential for cutaneous absorption</td>
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<td></td>
<td>250 ppm (330 mg/m³) (STEL)</td>
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<td></td>
<td>200 ppm (260 mg/m³) (TWA)</td>
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<td></td>
<td>Risk of cutaneous absorption</td>
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<tr>
<td></td>
<td>1000 ppm (1300 mg/m³) (STEL)</td>
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<td>200 ppm (270 mg/m³) (exposure factor 4) (TWA)</td>
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<td>Skin notation</td>
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<td>200 ppm (260 mg/m³) (TWA)</td>
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<td></td>
<td>Skin - Potential for cutaneous absorption</td>
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<td></td>
<td>100 mg/m³ (TWA)</td>
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<td>Skin notation</td>
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<tr>
<td></td>
<td>300 mg/m³ (STEL)</td>
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<td>200 ppm (266 mg/m³) (TWA)</td>
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<td>Skin - Potential for cutaneous absorption</td>
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<td>200 ppm (266 mg/m³) (TWA)</td>
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<td></td>
<td>Potential for cutaneous absorption</td>
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<td></td>
<td>250 ppm (333 mg/m³) (STEL)</td>
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<tr>
<td><strong>Octamethyltrisiloxane</strong></td>
<td>None known.</td>
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<td></td>
<td></td>
<td>None.</td>
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<tr>
<td><strong>Polydimethylsiloxane</strong></td>
<td>None known.</td>
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<td></td>
<td></td>
<td>None.</td>
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<tr>
<td><strong>Silver metal</strong></td>
<td>0.1 mg/m³ (TWA)</td>
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<td></td>
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<td></td>
<td>0.1 mg/m³ (TWA)</td>
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<td></td>
<td></td>
<td>France (OEL)</td>
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<td></td>
<td>0.1 mg/m³ (TWA)</td>
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<td>Italy (OEL)</td>
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<td></td>
<td></td>
<td>None.</td>
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<tr>
<td></td>
<td>0.05 mg/m³ (TWA)</td>
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<td>Poland (OEL)</td>
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<tr>
<td></td>
<td>0.1 mg/m³ (TWA)</td>
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<td></td>
<td></td>
<td>Spain (OEL)</td>
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<td></td>
<td></td>
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<tr>
<td></td>
<td>0.1 mg/m³ (TWA)</td>
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<td>The United Kingdom (The United Kingdom (WELs))</td>
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<td></td>
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<tr>
<td><strong>Titanium dioxide</strong></td>
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<td>10 mg/m³ (total inhalable dust) (TWA)</td>
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<td>Poland (OEL)</td>
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<tr>
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<td>10 mg/m³ (TWA)</td>
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</table>
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<table>
<thead>
<tr>
<th>Compound</th>
<th>Exposure limit (TWA)</th>
<th>Regulation</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trimethoxymethylsilane</td>
<td>10 mg/m³ (inhalable); 4 mg/m³ (respirable dust)</td>
<td>The United Kingdom (The United Kingdom (WELs))</td>
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<tr>
<td></td>
<td>None known.</td>
<td>European Union (OEL)</td>
<td>None.</td>
</tr>
</tbody>
</table>

Note: May slowly hydrolyze in the presence of water to Methanol and Acetic acid. Acetic acid, Methanol and Formaldehyde are not intentionally added to this product. The above exposure limits are provided for safety reasons.

**Exposure controls**

**Ventilation and engineering measures**

- Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

**Respiratory protection**

- In the case of vapour formation use a respirator with an approved filter. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

**Skin protection**

- Gloves impervious to the material are recommended. The suitability for a specific workplace should be discussed with the producers of the protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/689/EEC and the standard EN 374 derived from it.

**Eye / face protection**

- Wear as appropriate: Safety glasses with side-shields conforming to EN166

**Other protective equipment**

- Chemical resistant apron. Safety boots per regulations. Ensure that eyewash stations and safety showers are close to the workstation location.

**General hygiene considerations**

- Avoid breathing fumes. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

- **Appearance**: Paste - grey
- **Odour**: Mild
- **Odour threshold**: None known.
- **pH**: None known.
- **Flash point**: > 93.3°C
- **Flashpoint (Method)**: None known.
- **Lower flammable limit (% by vol.)**: None known.
- **Upper flammable limit (% by vol.)**: None known.
- **Flammability (solid, gas)**: Not applicable.
- **Auto-ignition temperature**: None known.
- **Decomposition temperature**: None known.
- **Oxidizing properties**: None known.
- **Explosive properties**: Not expected to be sensitive to mechanical impact or static discharge.
- **Initial boiling point and boiling range**: None known.
- **Melting/Freezing point**: None known.
- **Relative density**: > 1.0
SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Solubility in water: insoluble May react with water.
Other solubility(ies): No information available.
Vapour pressure: No information available.
Vapour density: Heavier than air.
Partition coefficient: n-octanol/water: No information available.
Viscosity: No information available.
Evaporation rate (BuAe = 1): No information available.

Other Information
Volatiles (% by weight): negligible
Volatile organic Compounds (VOC's): No information available.

Other physical/chemical comments: No additional information.

SECTION 10. STABILITY AND REACTIVITY

Reactivity: May slowly hydrolyze in the presence of water to Methanol and Acetic acid. Upon completion of the curing process, these hydrolysis products are no longer released.
Chemical stability: Stable under normal conditions. When heated above 150°C in air, may release formaldehyde gas.
Possibility of hazardous reactions: Hazardous polymerisation does not occur.
Conditions to avoid: Direct sources of heat. Avoid moisture. Avoid contact with incompatible materials. Do not use in areas without adequate ventilation.
Incompatible materials: Water; Strong acids; Oxidizing agents; Bases
Hazardous decomposition products: Burning produces obnoxious and toxic fumes. In the event of fire the following can be released: Carbon oxides; formaldehyde; metal oxides; silicon oxides; Hydrocarbons.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on Toxicological effects:

Acute toxicity: According to the classification criteria of the European Union, this product is not considered as being an acutely toxic chemical.
Irritation: The product is classified as dangerous in accordance with Directive 1999/45/EC.
Classification: Xi - Irritant; R36/37/38 - Irritating to eyes, respiratory system and skin.
Corrosivity: According to the classification criteria of the European Union, this product is not considered as being a corrosive material.
Sensitisation: According to the classification criteria of the European Union, this product is not considered as being an allergic respiratory sensitizer.
According to the classification criteria of the European Union, this product is not considered as being an allergic skin sensitizer.
Mutagenicity: Contains no ingredient listed as a mutagen.
Carcinogenicity: Contains no ingredient listed as a carcinogen.
Avoid heating, which will result in the liberation of formaldehyde gas. Formaldehyde has shown limited evidence of a carcinogenic effect.
Reproductive toxicity: Contains no ingredient listed as toxic to reproduction.
Repeated dose toxicity: According to the classification criteria of the European Union, this product is not expected to cause target organ toxicity through repeated doses.
Toxicological data: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.
SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>LC50 (4hr)</th>
<th>LD50 (Oral, rat)</th>
<th>LD50 (Rabbit, dermal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium</td>
<td>No info</td>
<td>No info</td>
<td>No info</td>
</tr>
<tr>
<td>Polydimethylsiloxane</td>
<td>No info</td>
<td>No info</td>
<td>No info</td>
</tr>
<tr>
<td>Silver metal</td>
<td>No info</td>
<td>No info</td>
<td>No info</td>
</tr>
<tr>
<td>Octamethyltrisiloxane</td>
<td>&gt; 22.6 mg/L</td>
<td>&gt; 2000 mg/kg</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>Trimethoxymethylsilane</td>
<td>No info</td>
<td>12,300 µL/kg</td>
<td>&gt; 10 mL/kg</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>&gt; 6820 mg/m³</td>
<td>&gt; 25,000 mg/kg</td>
<td>&gt; 10,000 mg/kg</td>
</tr>
</tbody>
</table>

Possible decomposition products in case of hydrolysis are:
- Acetic acid: 4653 ppm (rat), 2810 ppm (mouse)
- Methanol: 64,000 ppm

The following ingredient may be released from the product only when heated above 150°C:
- Formaldehyde: 287 ppm, 800 mg/kg, 300 mg/kg

Routes of exposure: Eye contact; Skin contact; Inhalation; Ingestion.

Effects of acute exposure:
- Inhalation: Irritating to respiratory system. Inhalation of fumes may result in metal fume fever, a flu-like illness. Symptoms of metal fume fever may include fever, fatigue, vomiting, muscle aches and shortness of breath. Avoid heating, which will result in the liberation of formaldehyde gas. Formaldehyde causes severe respiratory irritation, lung inflammation and pulmonary edema.

Skin contact: Irritating to skin.

Eye contact: Irritating to eyes.

Ingestion: May cause irritation of the mucous membranes.

Potential Chronic Health Effects:
- Silver in the form of a finely divided dust may cause discoloration in contact with skin, and argyrosis in case of inhalation.

Other important hazards:
- Avoid heating, which will result in the liberation of formaldehyde gas. Formaldehyde may cause sensitisation by skin contact. May slowly hydrolyze in the presence of water to Methanol and Acetic acid. Methanol and Acetic acid are dangerous.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:
- No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters. May slowly hydrolyze in the presence of water to Methanol and Acetic acid. Upon completion of the curing process, these hydrolysis products are no longer released.

Persistence and degradability:
- The product itself has not been tested. Contains: Octamethyltrisiloxane. Octamethyltrisiloxane is not considered to be readily biodegradable (OECD).

Bioaccumulation potential:
- The product itself has not been tested. Contains: Octamethyltrisiloxane. Octamethyltrisiloxane has a bioconcentration factor in fish of > 3000 (OECD).

Mobility in soil:
- The product itself has not been tested.

Results of PBT and vPvB assessment:
- This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Other Adverse Environmental effects

: None known.

Water contaminating class (Germany)

: No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Handling for Disposal

: Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

Methods of Disposal

: Dispose of in accordance with the European Directives on waste and hazardous waste. Waste must be classified and labelled prior to recycling or disposal. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14. TRANSPORTATION INFORMATION

<table>
<thead>
<tr>
<th>Regulatory Information</th>
<th>UN Number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class(es)</th>
<th>Packing Group</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR/RID</td>
<td>None</td>
<td>not regulated</td>
<td>Not regulated</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>EU ADR/RID Classification Code</td>
<td>Not applicable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EU ADR / RID Hazard Identification Number</td>
<td>Not applicable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADR/RID Additional information</td>
<td>Not classified as dangerous for conveyance in the meaning of the regulations for the transport of dangerous goods by road and rail.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICAO/IATA</td>
<td>None</td>
<td>Not regulated.</td>
<td>Not regulated</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>ICAO/IATA Additional information</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IMDG</td>
<td>None</td>
<td>Not regulated.</td>
<td>Not regulated</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>IMDG Additional information</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Special precautions for user

: Appropriate advice on safety must accompany the package. Keep containers dry and tightly closed to avoid moisture absorption and contamination.

Environmental hazards

: This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: Not applicable.
SAFETY DATA SHEET
This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

1. Substances presenting a health or environmental hazard within the meaning of Directive 67/548/EEC.
2. Classification according to European directive on classification of hazardous preparations 1999/45/EC.
3. This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
4. In accordance with the legislation of the United Kingdom.
5. German legislation on water endangering substances VwVwS (see Section 12).

Chemical safety assessment : A chemical safety assessment has not been carried out by the Manufacturer of this product.

SECTION 16. OTHER INFORMATION

Legend

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS: Chemical Abstract Services
EC: European Community
EEC: European Economic Community
EN: European Standard
EU: European Union
HSDB: Hazardous Substances Data Bank
IATA: International Air Transport Association
IBC: Intermediate Bulk Container
ICAO: International Civil Aviation Organisation
IMDG: International Maritime Dangerous Goods
LC: Lethal Concentration
LD: Lethal Dose
OECD: Organisation for Economic Co-operation and Development
OEL: National occupational exposure limits
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
RTECS: Registry of Toxic Effects of Chemical Substances
SDS: Safety Data Sheet
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
WEL: Workplace Exposure Limit

Information Source

1. Material Safety Data Sheet from manufacturer.
2. Canadian Centre for Occupational Health and Safety, CCInfoWeb Databases, 2012 (Chempendium, RTECs, HSDB, INCHEM).

Preparation Date (dd/mm/yyyy) : 19/01/2009
Reviewed Date SDS (dd/mm/yyyy) : 29/11/2012
Revision No. : 2
SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Revision Information:
(M)SDS sections updated:
- 2. HAZARDS IDENTIFICATION;
- 3. COMPOSITION/INFORMATION ON INGREDIENTS;
- 4. FIRST AID MEASURES;
- 6. ACCIDENTAL RELEASE MEASURES;
- 7. HANDLING AND STORAGE;
- 9. PHYSICAL AND CHEMICAL PROPERTIES;
- 10. STABILITY AND REACTIVITY;
- 11. TOXICOLOGICAL INFORMATION;
- 14. TRANSPORT INFORMATION;
- 15. REGULATORY INFORMATION

R-Phrases (Full text):
- R10 - Flammable.
- R11 - Highly flammable.
- R15 - Contact with water liberates extremely flammable gases.
- R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.
- R34 - Causes burns.
- R35 - Causes severe burns.
- R36 - Irritating to eyes.
- R39/23/24/25 - Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
- R40 - Limited evidence of a carcinogenic effect.
- R43 - May cause sensitization by skin contact.
- R53 - May cause long-term adverse effects in the aquatic environment.

Other special considerations for handling:
- Provide adequate information, instruction and training for operators.

Prepared for:
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Prepared by:
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DISCLAIMER

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END OF DOCUMENT