SAFETY DATA SHEET

Product : SIMSON ISR 70-03 GREY  
Revision: 1  
Date : 12-04-2010

01 – IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME : SIMSON ISR 70-03 GREY  
CODE : 132150  
PRODUCT TYPE : Liquid  
USE OF THE SUBSTANCE/MIXTURE : Putty. Sealants

MANUFACTURER: Bostik SA  
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Francia

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Reference: Stefano Finocchiaro  
Michela Melloni

EMERGENCY TELEPHONE NUMBER(business hour): ++39 0425. 727476  
++39 02. 59918. 1  
(Factory)  
(administrative center)

02 – HAZARDS IDENTIFICATION

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Not classified.

See section 11 for more detailed information on health effects and symptoms.

03 – COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Preparation

Nature of material : Putty.

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>CAS number</th>
<th>EC number</th>
<th>%</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>carbonic acid, calcium salt (1:1)</td>
<td>471-34-1</td>
<td>207-439-9</td>
<td>20 - 50</td>
<td>Not classified. [3]</td>
</tr>
<tr>
<td>titanium dioxide</td>
<td>13463-67-7</td>
<td>236-675-5</td>
<td>1 - 5</td>
<td>Not classified. [2]</td>
</tr>
<tr>
<td>silane, ethenyltrimethoxy</td>
<td>2768-02-7</td>
<td>220-449-8</td>
<td>1 - 5</td>
<td>R10[1] Xn; R20</td>
</tr>
<tr>
<td>1-propanamine, 3- (trimethoxysilyl)</td>
<td>13822-56-5</td>
<td>237-511-5</td>
<td>1 - 5</td>
<td>Xi; R36 [1]</td>
</tr>
</tbody>
</table>

See section 16 for the full text of the R-phrases declared above
SAFETY DATA SHEET

Product: SIMSON ISR 70-03 GREY  
Revision: 1  
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There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard  
[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in section 8.

04 – FIRST AID MEASURES

Inhalation  
Move exposed person to fresh air. Maintain an open airway. If unconscious, place in recovery position and seek medical advice.

Ingestion  
Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Get medical attention if symptoms occur.

Skin contact  
Wash with soap and water. In the event of any complaints or symptoms, avoid further exposure. Get medical attention if symptoms occur.

Eye contact  
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Protection of first-aiders  
No action shall be taken involving any personal risk or without suitable training.

Notes to physician  
In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

See section 11 for more detailed information on health effects and symptoms.

05 – FIRE-FIGHTING MEASURES

Suitable  
Use an extinguishing agent suitable for the surrounding fire.

Not suitable  
None known  
In a fire or if heated, a pressure increase will occur and the container may burst. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
### SAFETY DATA SHEET

**Product:** SIMSON ISR 70-03 GREY  
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<table>
<thead>
<tr>
<th>Hazardous thermal decomposition products</th>
<th>Decomposition products may include the following materials:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>carbon dioxide</td>
</tr>
<tr>
<td></td>
<td>carbon monoxide</td>
</tr>
<tr>
<td></td>
<td>nitrogen oxides</td>
</tr>
<tr>
<td></td>
<td>metal oxide/oxides</td>
</tr>
<tr>
<td></td>
<td>Dust and fumes</td>
</tr>
</tbody>
</table>

| Special protective equipment for fire-fighters | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode. |

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### 06 – ACCIDENTAL RELEASE MEASURES

**Personal precautions**  
Do not touch or walk through spilt material. Provide adequate ventilation.

**Environmental precautions**  
Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

**Small spill**  
Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill**  
Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, basements or confined areas. Absorb with an inert material and transfer the spilt material and absorbent to an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

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### 07 – HANDLING AND STORAGE

**Handling**  
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not ingest. Avoid contact with eyes, skin and clothing. Do not reuse product container.

**Storage**  
Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers.
**Packaging materials**

**Recommended**

Use original container.

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### 08 – EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Occupational exposure limits</th>
</tr>
</thead>
</table>
| carbonic acid, calcium salt (1:1) | **EH40-WEL (United Kingdom (UK), 9/2006).**  
WEL 8 hrs limit: 10 mg/m³ 8 hour(s). Form: inhalable dust  
WEL 8 hrs limit: 4 mg/m³ 8 hour(s). Form: respirable dust |
| titanium dioxide | **EH40/2005 WELs (United Kingdom (UK), 8/2007).**  
TWA: 10 mg/m³ 8 hour(s). Form: inhalable dust  
TWA: 4 mg/m³ 8 hour(s). Form: respirable dust |

**Recommended monitoring procedures**

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

**Occupational exposure controls**

No special ventilation requirements.

**Hygiene measures**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Eye protection**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

**Skin protection**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
09 – PHYSICAL AND CHEMICAL PROPERTIES

General information

Appearance

Physical state  Liquid. [paste]
Colour  Grey.
Odour  Slight

Important health, safety and environmental information

Flash point  Closed cup: >100°C (>212°F)
Density  1.42 to 1.48 g/cm³ [23°C (73,4°F)]
Solubility  Insoluble in the following materials: cold water and hot water.

10 – STABILITY AND REACTIVITY

Stability  The product is stable.
Conditions to avoid  No specific data.
Materials to avoid  No specific data.
Hazardous decomposition products  Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 – TOXICOLOGICAL INFORMATION

Potential acute health effects

Inhalation  Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Ingestion  No known significant effects or critical hazards.

Skin contact  No known significant effects or critical hazards.

Eye contact  No known significant effects or critical hazards.

Acute toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>titanium dioxide</td>
<td>LD Intratracheal</td>
<td>Rat</td>
<td>&gt;100 ug/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>TDLo Intratracheal</td>
<td>Rat</td>
<td>5 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>TDLo Intratracheal</td>
<td>Rat</td>
<td>1.6 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>TDLo Intratracheal</td>
<td>Rat</td>
<td>1.25 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>TDLo Oral</td>
<td>Rat</td>
<td>60 g/kg</td>
<td>-</td>
</tr>
<tr>
<td>silane, ethenyltrimethoxy-</td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>3360 uL/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>7340 uL/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Conclusion/Summary : Not available.
Potential chronic health effects

Chronic toxicity
Conclusion/Summary: Not available.

Irritation/Corrosion
Conclusion/Summary: Not available.

Sensitiser
Conclusion/Summary: Not available.

Carcinogenicity
Conclusion/Summary: Not available.

Mutagenicity
Conclusion/Summary: Not available.

Teratogenicity
Conclusion/Summary: Not available.

Reproductive toxicity
Conclusion/Summary: Not available.

Chronic effects: No known significant effects or critical hazards.
Carcinogenicity: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Developmental effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Inhalation: No specific data.
Ingestion: No specific data.
Skin: No specific data.
Eyes: No specific data.
Target organs: Contains material which may cause damage to the following organs: lungs, upper respiratory tract, skin.

12 – ECOLOGICAL INFORMATION

Environmental effects: No known significant effects or critical hazards.

Aquatic ecotoxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Test</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>titanium dioxide</td>
<td>Acute EC50 &gt;1000000 ug/L</td>
<td>Daphnia - Water flea</td>
<td>48 hours</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fresh water</td>
<td>Daphnia magna</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Acute LC50 &gt;1000000 ug/L</td>
<td>Fish - Mummichog</td>
<td>96 hours</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Marine water</td>
<td>Fundulus heteroclitus</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Conclusion/Summary: Not available.

Biodegradability
Conclusion/Summary: Not available.

Other adverse effects: No known significant effects or critical hazards.
13 – DISPOSAL CONSIDERATIONS

Hazardous waste

Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14 – TRANSPORT INFORMATION

International transport regulations

<table>
<thead>
<tr>
<th>Regulatory information</th>
<th>UN number</th>
<th>Proper shipping name</th>
<th>Classes</th>
<th>PG*</th>
<th>Label</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR/RID Class</td>
<td>Not Regulated</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>ADN/ADNR Class</td>
<td>Not Regulated</td>
<td>-</td>
<td>-</td>
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<tr>
<td>IMDG Class</td>
<td>Not Regulated</td>
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<td>-</td>
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<tr>
<td>IATA Class</td>
<td>Not Regulated</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

PG*: Packing group

15 – REGULATORY INFORMATION

EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

Risk phrases

This product is not classified according to EU legislation.

Product use: Industrial applications.

Europe inventory: Not determined.

Other EU regulations

Additional warning phrases: Safety data sheet available for professional user on request.

16 – ALTRE INFORMAZIONI

Full text of R-phrases: referred to in sections 2 and 3 - United Kingdom (UK)

R10- Flammable.
R20- Harmful by inhalation.
R36- Irritating to eyes.

Full text of classifications: referred to in sections 2 and 3 - United Kingdom (UK)

Xn - Harmful
Xi - Irritant

History

Date of printing 12/04/2010
Date of issue/Date of revision 12/04/2010
Date of previous issue No previous validation.
Version 1
Notice to reader
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