SAFETY DATA SHEET
Sn63 Pb37 QQS-571 Purecore P2 0.015" 1lb

1. Identification of the preparation and of the company

<table>
<thead>
<tr>
<th>Product name</th>
<th>Sn63 Pb37 QQS-571 Purecore P2 0.015&quot; 1lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>110335</td>
</tr>
<tr>
<td>Head Office</td>
<td>Cookson Electronics Assembly Materials Group Naarden Manufacturing Site Energiestraat 21 1411 AR Naarden The Netherlands Tel: +31 (35) 695 5411 Fax: +31 (35) 694 8451</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Cookson Electronics Assembly Materials Group Naarden Manufacturing Site Energiestraat 21 1411 AR Naarden The Netherlands Tel: +31 (35) 695 5411 Fax: +31 (35) 694 8451</td>
</tr>
</tbody>
</table>

2. Material uses: soldering

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>CAS number</th>
<th>%</th>
<th>EC number</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>tin</td>
<td>7440-31-5</td>
<td>60 - 80</td>
<td>231-141-8</td>
<td>Not classified.</td>
</tr>
<tr>
<td>lead</td>
<td>7439-92-1</td>
<td>30 - 40</td>
<td>231-100-4</td>
<td>Repr. Cat. 1; R61</td>
</tr>
<tr>
<td>lead</td>
<td></td>
<td></td>
<td></td>
<td>Repr. Cat. 3; R62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Xn; R20/22</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>R33</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N; R50/53</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>R43</td>
</tr>
<tr>
<td>rosin</td>
<td>8050-09-7</td>
<td>1 - 5</td>
<td>232-475-7</td>
<td>R43</td>
</tr>
</tbody>
</table>

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

* Occupational Exposure Limit(s), if available, are listed in Section 8
* The classifications listed, indicate the potential hazards of the ingredients

3. Hazards identification

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

Classification: Not classified.

Effects and symptoms

Inhalation: May be harmful by inhalation after often repeated exposure.

Ingestion: May be harmful if swallowed.

Skin contact: Slightly hazardous by the following route of exposure: of skin contact (irritant).

Date of issue: 09/05/2007.
3. Hazards identification

Toxicity data

**lead**: Warning. Contains lead.
- Over-exposure signs/symptoms: blood formation impairment, central nervous system depression
- May cause harm to the unborn child.
- Repeated or prolonged exposure to the substance can produce reproductive system damage.

**rosin**: CAUTION: Certain sensitive individuals may develop eczema and/or occupational asthma on exposure to this material.
- Sensitised persons may subsequently show asthmatic symptoms when exposed to atmospheric concentrations well below the OEL.

Additional warning phrases

- Contains rosin. May produce an allergic reaction. Safety data sheet available for professional user on request.

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

4. First-aid measures

**Inhalation**: If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Obtain medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately.

**Ingestion**: Wash out mouth with water. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately.

**Skin contact**: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Obtain medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Eye contact**: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

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

**Notes to physician**: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

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

5. Fire-fighting measures

**Extinguishing media**

- **Suitable**: Use an extinguishing agent suitable for the surrounding fire.
- **Not suitable**: None known.
- **Special exposure hazards**: No specific fire or explosion hazard. 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.

**Hazardous combustion products**: Decomposition products may include the following materials:
- metal oxide/oxides

**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.

Date of issue: 09/05/2007.
6. **Accidental release measures**

**Personal precautions**: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

**Environmental precautions**: Avoid dispersal of spill material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Large spill**: Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

**Small spill**: Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

7. **Handling and storage**

**Handling**: Put on appropriate personal protective equipment (see section 8). 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. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse 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. Use appropriate containment to avoid environmental contamination.

**Packaging materials**

**Recommended**: Use original container.

8. **Exposure controls/personal protection**

**Exposure limit values**

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>European exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Europe</strong></td>
<td></td>
</tr>
<tr>
<td>tin</td>
<td>ACGIH TLV (United States, 1/2006). TWA: 2 mg/m³ 8 hour(s). EU OEL (Europe, 5/2006). Notes: Binding 8 hours: 0.15 mg/m³ 8 hour(s).</td>
</tr>
<tr>
<td>lead</td>
<td></td>
</tr>
<tr>
<td><strong>Sweden</strong></td>
<td></td>
</tr>
<tr>
<td>lead</td>
<td>AFS (Sweden, 6/2005). TWA: 0.05 mg/m³ 8 hour(s). Form: respirable dust TWA: 0.1 mg/m³ 8 hour(s). Form: total dust</td>
</tr>
<tr>
<td><strong>Denmark</strong></td>
<td></td>
</tr>
<tr>
<td>lead</td>
<td>Arbejdstilsynet (Denmark, 4/2005). Notes: Calculated as Pb TWA: 0.05 mg/m³, (Calculated as Pb) 8 hour(s). Form: Powder, dust and fumes</td>
</tr>
<tr>
<td><strong>Norway</strong></td>
<td></td>
</tr>
</tbody>
</table>

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### 8. Exposure controls/personal protection

<table>
<thead>
<tr>
<th>Country</th>
<th>Substance</th>
<th>Source</th>
<th>Values and Form</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>France</strong></td>
<td>lead</td>
<td>Arbeidstilsynet (Norway, 10/2003). Notes: Calculated as Pb</td>
<td>TWA: 0.05 mg/m³, (Calculated as Pb) 8 hour(s). Form: Dust and fumes</td>
</tr>
<tr>
<td></td>
<td>lead</td>
<td>INRS (France, 6/2006). Notes: Regulatory binding exposure limits</td>
<td>TWA: 0.1 mg/m³ 8 hour(s).</td>
</tr>
<tr>
<td></td>
<td>rosin</td>
<td>INRS (France, 6/2006). Notes: indicative exposure limits</td>
<td>TWA: 0.1 mg/m³ 8 hour(s).</td>
</tr>
<tr>
<td><strong>Netherlands</strong></td>
<td>lead</td>
<td>Nationale MAC-lijst (Netherlands, 7/2006). Notes: Legal indicates a statutory value, Administrative indicates an administrative value that is not legally binding (see background)</td>
<td>OEL, 8-h TWA: 0.15 mg/m³ 8 hour(s). Form: respirable dust and fume</td>
</tr>
<tr>
<td><strong>Germany</strong></td>
<td>lead</td>
<td>EU OEL (Europe, 5/2006). Notes: Binding</td>
<td>8 hours: 0.15 mg/m³ 8 hour(s).</td>
</tr>
<tr>
<td><strong>Finland</strong></td>
<td>tin</td>
<td>Työterveyslaitos (Finland, 2002).</td>
<td>TWA: 2 mg/m³ 8 hour(s).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Työterveyslaitos, Sosiaali- ja terveysministeriö (Finland, 4/2005).</td>
<td>TWA: 2 mg/m³ (Calculated as Sn) 8 hour(s).</td>
</tr>
<tr>
<td></td>
<td>lead</td>
<td>EU OEL (Europe, 5/2006). Notes: Binding</td>
<td>8 hours: 0.15 mg/m³ 8 hour(s).</td>
</tr>
<tr>
<td><strong>United Kingdom (UK)</strong></td>
<td>tin</td>
<td>EH40-OES (United Kingdom (UK), 2002).</td>
<td>TWA: 2 mg/m³ 8 hour(s).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EH40-OES (United Kingdom (UK), 2002).</td>
<td>STEL: 4 mg/m³ 15 minute(s).</td>
</tr>
<tr>
<td></td>
<td>lead</td>
<td>EH40-WEL (United Kingdom (UK), 9/2006).</td>
<td>TWA: 0.15 mg/m³ 8 hour(s).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EH40-MEL (United Kingdom (UK), 2002). Skin sensitiser, Inhalation sensitizer</td>
<td>TWA: 0.05 mg/m³ 8 hour(s). Form: Rosin-based solder flux fume STEL: 0.15 mg/m³ 15 minute(s). Form: Rosin-based solder flux fume</td>
</tr>
<tr>
<td><strong>Austria</strong></td>
<td>tin</td>
<td>GKV_MAK (Austria, 6/2006).</td>
<td>STEL: 4 mg/m³, 4 times per shift, 15 minute(s). Form: Inhalable fraction TWA: 2 mg/m³ 8 hour(s). Form: Inhalable fraction</td>
</tr>
<tr>
<td></td>
<td>lead</td>
<td>GKV_MAK (Austria, 6/2006).</td>
<td>STEL: 0.4 mg/m³, 4 times per shift, 15 minute(s). Form: Inhalable fraction TWA: 0.1 mg/m³ 8 hour(s). Form: Inhalable fraction</td>
</tr>
<tr>
<td><strong>Switzerland</strong></td>
<td>lead</td>
<td>EU OEL (Europe, 5/2006). Notes: Binding</td>
<td>8 hours: 0.15 mg/m³ 8 hour(s).</td>
</tr>
</tbody>
</table>

#### Date of issue: 09/05/2007.
### 8. Exposure controls/personal protection

<table>
<thead>
<tr>
<th>Country</th>
<th>Tin</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belgium</td>
<td>Lijst Grenswaarden / Valeurs Limites (Belgium, 3/2006). Skin TWA: 2 mg/m³ 8 hour(s).</td>
<td>Lijst Grenswaarden / Valeurs Limites (Belgium, 3/2006). Notes: As Pb TWA: 0.15 mg/m³, (As Pb) 8 hour(s). Form: dust and fumes</td>
</tr>
<tr>
<td>Spain</td>
<td>INSHT (Spain, 1/2006). TWA: 2 mg/m³ 8 hour(s).</td>
<td>INSHT (Spain, 1/2006). TWA: 0.15 mg/m³ 8 hour(s).</td>
</tr>
<tr>
<td>Turkey</td>
<td>EU OEL (Europe, 5/2006). Notes: Binding 8 hours: 0.15 mg/m³ 8 hour(s).</td>
<td></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>178/2001 (Czech Republic, 6/2004). STEL: 0.2 mg/m³ 10 minute(s). TWA: 0.05 mg/m³ 8 hour(s).</td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>NAOSH (Ireland, 3/2002). OELV-8hr: 0.15 mg/m³ 8 hour(s).</td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td>Ministero della Salute (Italy, 3/2004). TWA: 0.15 mg/m³ 8 hour(s).</td>
<td></td>
</tr>
<tr>
<td>Estonia</td>
<td>Sotsiaalminister (Estonia, 9/2001). TWA: 0.05 MG/M3 8 hour(s). Form: inhalable dust TWA: 0.1 MG/M3 8 hour(s). Form: total dust</td>
<td></td>
</tr>
<tr>
<td>Lithuania</td>
<td>Del Lietuvos Higienos Normos (Lithuania, 12/2001). TWA: 0.15 MG/M3 8 hour(s). Form: Inhalable fraction TWA: 0.07 MG/M3 8 hour(s). Form: Respirable fraction</td>
<td></td>
</tr>
<tr>
<td>Slovakia</td>
<td>Nariadenie Vlády Slovenskej republiky (Slovakia, 5/2006). TWA: 0.15 mg/m³ 8 hour(s).</td>
<td></td>
</tr>
<tr>
<td>Hungary</td>
<td>EüM-SzCsM (Hungary, 11/2002). Notes: as Pb PEAK: 0.6 mg/m³, (as Pb) 15 minute(s). PEAK: 0.2 mg/m³, (as Pb) 15 minute(s). Form: Respirable TWA: 0.15 mg/m³, (as Pb) 8 hour(s). TWA: 0.05 mg/m³, (as Pb) 8 hour(s). Form: Respirable</td>
<td></td>
</tr>
<tr>
<td>Poland</td>
<td>Ministra Pracy I Polityki Społecznej (Poland, 10/2005). Notes: Calculated as Sn TWA: 2 mg/m³, (Calculated as Sn) 8 hour(s). Form: smokes and dusts</td>
<td>Ministra Pracy I Polityki Społecznej (Poland, 10/2005). Notes: Calculated as Pb TWA: 0.05 mg/m³, (Calculated as Pb) 8 hour(s).</td>
</tr>
<tr>
<td>Slovenia</td>
<td>Uradni list Republike Slovenije (Slovenia, 4/2005). PEAK: 0.4 MG/M3, 4 times per shift, 15 minute(s). Form: Inhalable fraction TWA: 0.1 MG/M3 8 hour(s). Form: Inhalable fraction</td>
<td></td>
</tr>
</tbody>
</table>

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8. Exposure controls/personal protection

Latvia
lead LV Nat. Standardisation and Meterological Centre (Latvia, 11/2004).
STEL: 0.01 MG/M3 15 minute(s).
TWA: 0.005 MG/M3 8 hour(s).
rosin LV Nat. Standardisation and Meterological Centre (Latvia, 11/2004).
TWA: 4 MG/M3 8 hour(s).

Greece
tin PD 90/1999 (Greece, 2/2003).
TWA: 2 MG/M3 8 hour(s).
lead PD 90/1999 (Greece, 2/2003).
TWA: 0.15 MG/M3 8 hour(s).

Portugal
tin Instituto Português da Qualidade (Portugal, 7/2004).
TWA: 2 MG/M3 8 hour(s).
lead Instituto Português da Qualidade (Portugal, 7/2004).
TWA: 0.05 MG/M3 8 hour(s).

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. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Exposure controls
Occupational exposure controls: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

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. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: particulate filter EN 149:2001 FFP3

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. <1 hours (breakthrough time): disposable vinyl

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, gases or dusts. Recommended: safety glasses with side-shields EN 166 1F

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. Recommended: overall

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8. Exposure controls/personal protection

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

General information

Appearance

Physical state: Solid.
Colour: Silvery.

Important health, safety and environmental information

Melting point: 183 to 185°C (361.4 to 365°F)
Solubility: Insoluble in the following materials: cold water and hot water.

10. Stability and reactivity

Stability: The product is stable. Under normal conditions of storage and use, hazardous polymerisation will not occur.

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: No known significant effects or critical hazards.
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

Over-exposure signs/symptoms

Target organs: Contains material which causes damage to the following organs: blood, kidneys, gastrointestinal tract, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

<table>
<thead>
<tr>
<th>Product name</th>
<th>List name</th>
<th>Name on list</th>
<th>Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>United Kingdom (UK) lead</td>
<td>UK Occupational Exposure Limits EH40-WEL</td>
<td>lead</td>
<td>Carc. Carc</td>
<td></td>
</tr>
<tr>
<td>Netherlands lead</td>
<td>Iood Metallisch</td>
<td></td>
<td>Repro. fertility category 3</td>
<td></td>
</tr>
<tr>
<td>Germany lead</td>
<td>Germany TRGS905</td>
<td>Blei Metall, bioverfügbar</td>
<td>RF3</td>
<td></td>
</tr>
<tr>
<td>France</td>
<td></td>
<td></td>
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</table>

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11. Toxicological information

<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>lead</td>
<td>Mortality</td>
<td>Acute LC50 542</td>
<td>Fish</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Mortality</td>
<td>Acute LC50 471</td>
<td>Fish</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Mortality</td>
<td>Acute LC50 1.17</td>
<td>Fish</td>
<td>96 hours</td>
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</tbody>
</table>

12. Ecological information

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>lead</td>
<td>Mortality</td>
<td>Acute LC50 542</td>
<td>Fish</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Mortality</td>
<td>Acute LC50 471</td>
<td>Fish</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Mortality</td>
<td>Acute LC50 1.17</td>
<td>Fish</td>
<td>96 hours</td>
</tr>
</tbody>
</table>

Biodegradability

Other adverse effects: No known significant effects or critical hazards.

13. Disposal considerations

Methods of disposal: The generation of waste should be avoided or minimised wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

European waste catalogue (EWC): 06 04 05* wastes containing other heavy metals

Hazardous waste: Yes.

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>
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<tr>
<td>IMDG Class</td>
<td>Not regulated.</td>
<td>-</td>
<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

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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.

**Other EU regulations**

**Additional warning phrases**
- Contains rosin. May produce an allergic reaction. Safety data sheet available for professional user on request.

**France**
- **Professional disease or diseases**
  - lead
  - rosin
- **Hazard class for water**
  - RG 1
  - 65, 66

**Germany**
- **Technical instruction on air quality control**
  - TA-Luft Number 5.2.1: 65%
  - TA-Luft Class I - Number 5.2.7.1.3: 37%

**Italy**
- **Emission control directive**
  - 102% Not classified.

16. Other information

**Full text of R-phrases referred to in sections 2 and 3 - Europe**
- R61- May cause harm to the unborn child.
- R62- Possible risk of impaired fertility.
- R20/22- Harmful by inhalation and if swallowed.
- R43- May cause sensitisation by skin contact.
- R33- Danger of cumulative effects.
- R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Full text of classifications referred to in sections 2 and 3 - Europe**
- Repr. Cat. 1 - Toxic to reproduction Category 1
- Repr. Cat. 3 - Toxic to reproduction Category 3
- Xn - Harmful
- N - Dangerous for the environment

**History**

**Date of printing**
- 09/05/2007.

**Date of issue**
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**Version**
- 1

**Prepared by**
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  - Environmental, Health and Safety Manager

⚠ Indicates information that has changed from previously issued version.

**References**
Control of Substances Hazardous to Health (CoSHH) Regulations 2002 and its amendments.

Preparation contains solely TSCA and EINECS listed substances.

This safety data sheet has been prepared in accordance with the requirements of the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 which implement EC Directives 1999/45/EC and 2001/58/EC and their amendments.

**Notice to reader**

**Date of issue**
- 09/05/2007.
16. Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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