

Silmix Ltd

Unit 22 Vale Business Park, Llandow, Cowbridge, Vale Of Glamorgan. CF71 7PF
Tel: 01446 771500 Fax: 01446 771555

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Material Safety Data Sheet

1. Identification of the Substance / Preparation and of the Company

- 1.1. Product Name: Liquid Bright Red C1 Masterbatch**
- 1.2. Identified Uses: Colouring Agent Additive**
- 1.3. Company: Silmix Ltd**
Unit 22 Vale Business Park, Llandow, Cowbridge, Vale Of Glamorgan.
CF71 7PF
- 1.4. Tel: 01446 771500**

2. Hazards Identification

- 2.1. Classification of the substance or mixture**
Not hazardous
- 2.2. Label Elements**
No special packaging or labelling requirements

3. Composition / Information on Ingredients

Chemical Characterization: Silicone additive
According to E.E.C. criteria this product is not classified as a hazardous

4. First Aid Measures

- 4.1. Skin:** Wash with soap and water
Eyes: Flush with clean water for 10 minutes. If irritation persists obtain medical attention.
Inhalation: No effect
Ingestion: Rinse mouth with water several times.

5. Fire and Explosion Hazard Data

- 5.1. Suitable Extinguishing Media:** Foam, powders, carbon dioxide (CO₂), water spray
Unsuitable Extinguishing Media: None known
- 5.2. Hazards During Fire Fighting:** None known
Hazardous Combustion Products: Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica, Carbon oxides and traces of incompletely burned carbon compounds, Formaldehyde.
- 5.3. Special Protective Equipment / Procedures**

Self contained breathing apparatus. Cool down containers exposed to heat with water spray

6. Accidental Release Measures

- 6.1 Personal Precautions:** Wear proper protective equipment
- 6.2 Environmental Precautions:** Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.
- 6.3 Cleaning Up Procedures:** Evacuate area if necessary. For large spills should be contained by bunding etc. Wipe or soak up with absorbent material and place in a container. The spilled product can cause very a slippery surface, so care should be taken.

7. Handling and Storage

- 7.1 Safe Handling:** General ventilation is required. Avoid eye and excessive skin contact
- 7.2 Storage:** Keep in original container and keep closed. Store away from moisture and in a well ventilated area. Do not store with oxidizing agents.

8. Exposure Controls and Personal Protection

- 8.1 Control Parameters:** Has no assigned exposure limits
- 8.2 Exposure Controls:** No special measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety
Personnel Protective Equipment
 - (1) **Respiratory Protection:** No special measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety
 - (2) **Hand Protection:** Gloves recommended if continual handling
 - (3) **Eye Protection:** Protective goggles recommended
 - (4) **Skin Protection:** Not Required
 - (5) **Industrial Hygiene:** Exercise good industrial hygiene practice. Wash after handling, especially before eating or drinking

9. Physical & Chemical Properties

Form: Liquid
Colour: Red
Odour: None
Explosive Properties: No
Oxidizing Properties: No

10. Stability & Reactivity

- 10.1 Stability:** Stable at room temperature and under normal usage conditions
- 10.2 Conditions to Avoid:** No dangerous reactions known under normal conditions of use
- 10.3 Materials to Avoid:** Can react with strong oxidising agents
- 10.4 Hazardous Decomposition Products:** If this product is heated to $>150^{\circ}\text{C}$ trace quantities of formaldehyde may be released and here fore ventilation is required

11. Toxicological Information

Skin: No adverse effects are normally expected

Eyes: May cause slight irritation

Inhalation: No adverse effects are normally expected

Ingestion: No adverse effects are normally expected

12. Ecological Information

Do not empty the product into drains and waters without primary treatment.

13. Disposal Considerations

Material: Dispose of according to local regulations. For any disposal observe local by-laws

Packaging Disposal: Completely discharge containers. Containers can be recycled or reused. Observe local by-laws

14. Transport Information

Road & Rail (RID /ADR): Not Restricted – Non Hazardous

Sea Transport (IMO /IMDG): Not Restricted – Non Hazardous

Air Transport (ICAO / IATA): Not Restricted – Non Hazardous

15. Regulatory Information

15.1. Safety, Health and Environmental regulations/ legislation specific for the substance or mixture

EINECS: All ingredients listed, exempt or notified (ELINCS)

IECSC: All ingredients listed,

16. Other Information

The information given is based on our knowledge of this product at the time of issue. It is given in good faith and the responsibility of the persons in receipt of this data to ensure that the information contained is read and understood by any person who may handle or dispose of in any way or come into contact with the product

