

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY.

Article name: **STARCHEM PAINT ADDITIVE**

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2. COMPOSITION/INFORMATION ON INGREDIENTS.

Information on hazardous ingredients

| Ingredients | %w/w | EEC-number | CAS-number | Symbol(s) | Risk Phrase(s) |
|--|------|------------|------------|-----------|----------------|
| Polymethylsiloxane (Organosilicone fluid) | 100 | | | | |

3. HAZARDS IDENTIFICATION

Non-hazardous substance.

4. FIRST AID MEASURES

Eyes Flush eyes with saline or DI water for several minutes, if in doubt seek medical aid.
Skin Wash with soap and water. No emergency care anticipated.
Ingestion No emergency care anticipated.
Inhalation No emergency care anticipated
Notes to physician There is no specific antidote. Treatment of over exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES.

Extinguishing Media Alcohol or all purpose type foams, applied by manufacturers recommended techniques. Use CO2 or dry chemical powder for small fires. DO NOT use a solid water stream upon hot, burning pools: this may cause frothing and increase fire intensity.
Fire & Explosion Hazards N/A
Protective measures Self contained breathing apparatus in the evnt of a fire in enclosed area.
Other This material may produce a floating fire hazard.

6. ACCIDENTAL RELEASE MEASURES.

Collect material for disposal - use waste tanks and sand/earth to contain spreading. Seek services of waste contractor to handle disposal.

7. STORAGE AND HANDLING (IN NORMAL USE).

Storage There are no specific procedures or cautions..
Ventilation Normal for the room or area of use.
Handling There are no specific precautions to follow when handling the substance
Warning Hot organic vapours or mists may be subject to spontaneous combustion even at temperatures below published auto-ignition or ignition temperatures, when exposed to a sudden influx of air (e.g. in vacuum systems), or released into the atmosphere (e.g. from pressurised systems). Prevention of this potential hazard should be carefully evaluated and appropriate precautions taken prior to the use of this product in elevated temperature processes.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION (NORMAL USE)

Occupational Exposure Limits No data has been established.

Personal Protective Equipment

| | |
|-------------|--|
| Respiratory | Local exhaust is desirable. No respiratory protection is expected to be required.. |
| Hand | PVC, Rubber or nitrile gloves. |
| Eye | Eye goggles. |
| Other | Eye bath and safety shower should be readily accessible from work area. |

9. PHYSICAL / CHEMICAL PROPERTIES

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|-----------------------|--|
| Appearance | Clear viscous liquid |
| Odour | Mild. |
| p.H. as delivered | N/A. |
| Molecular weight | Polymer. |
| Freezing Point | -25 degrees C. |
| Boiling Point | >200 degrees C at 101325 Pa. |
| Flash Point | 221 degrees C (pensky-Martens closed cup ASTM D 93). |
| Vapour Pressure | <133 Pa @ 20 degrees C. |
| Vapour Density | >1 (Air:1) |
| Relative Density (SG) | 0.97 @ 25 degrees C. |
| Solubility | Insoluble in water. |

10. STABILITY AND REACTIVITY

| | |
|----------------------------------|---|
| Stability | Stable. |
| Conditions to avoid | Non Known. |
| Materials to avoid | Non Known |
| Hazardous decomposition products | Burning can create carbon monoxide and dioxide. The former is more likely to be present if the combustion is starved of oxygen. Carbon monoxide is highly toxic if inhaled (by reducing the blood's ability to carry oxygen); and carbon dioxide can be an asphyxiant at high concentrations. Over exposure to combustion products may irritate the respiratory tract. Formaldehyde and silicone oxides will be produced on combustion, but neither are likely to be sufficient enough to be harmful. |

11. TOXICOLOGICAL INFORMATION

Acute effects.

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|------------|--|
| Eyes | May cause irritation and smarting. No known toxic effects. |
| Skin | Possible irritaion. No known toxic effects. |
| Ingestion | No known toxic effects. |
| Inhalation | Probable irritation. Dense vapour may make subject short of breath if inhaled in large quantities. |

12. ECOLOGICAL INFORMATION.

No known data on persistence or degradability. No information is known or may be summarised on the effects upon waste or natural water courses.

13. DISPOSAL CONSIDERATIONS.

Incinerate in a furnace or otherwise dispose of in accordance with national or regional measures that may be in force in your area.

14. TRANSPORT INFORMATION (REGULATIONS).

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|--------------------------|--|
| Packaging | Polyethylene bottles. |
| Transport classification | Not submitted to ADR regulations. |
| ICAO | Not submitted |
| Proper shipping name | Same as product name. |
| Mont blanc | OK |
| IMDG | Not submitted to IMO |
| Marpol | ANNEX 1 not evaluated; ANNEX 2 Not classified. |

15. REGULATORY INFORMATION (SUPPLY AND LABELLING)

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|------------------------------|--|
| Supply classification | N/A. |
| Risk phrases | N/A. |
| Safety phrases | N/A. |
| Other applicable regulations | C.O.S.H.H. Regulations 1988. Health and Safety at Work Act 1974. |

16. OTHER INFORMATION

The information is accurate to the best knowledge of the Company. StarChem Ltd does not accept any liability whatsoever arising out of the use of the information, or any use, application, adaptation or processing of the product described therein. Contact supplier for further information.
