

SAFETY DATA SHEET

SILICONE LUBRICANT

Page 1

Issued: 10/07/2003

Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: SILICONE LUBRICANT
Company name: Aerosol and Fluid Technology Ltd
 Unit 8, Berry Hill Industrial Estate
 Berry Hill Road
 Fenton
 Stoke on Trent
 ST4 2NL
 United Kingdom
 Tel: +44 (0) 1782 285 700
 Fax: +44 (0) 1782 284 700
 Emergency tel: +44 (0) 1782 285 700

2. COMPOSITION / INFORMATION ON INGREDIENTS

3. HAZARDS IDENTIFICATION

Main hazards: Highly flammable.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: No symptoms.
Inhalation: There may be a feeling of tightness in the chest with shortness of breath.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion: Do not induce vomiting. Consult a doctor. If unconscious and breathing is OK, place in the recovery position.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor. If breathing becomes bubbly, have the casualty sit and provide oxygen if available.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray. Carbon dioxide. Dry chemical powder.
Exposure hazards: Highly flammable.
Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Notify the police and fire brigade immediately. Eliminate all sources of ignition. If outside do not approach from downwind. If

[cont...

outside keep bystanders upwind and away from danger point. Remove all incompatible materials as outlined in section 10 of SDS. Evacuate the area immediately.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.

Clean-up procedures: Transfer to a suitable container. Do not use equipment in clean-up procedure which may produce sparks. Mix with sand or vermiculite. Refer to section 13 of SDS for suitable method of disposal.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Earth any equipment used in handling. Smoking is forbidden. Use non-sparking tools. Avoid direct contact with the substance.

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits

TWA (8 hr exposure limit): 1000 (OES)

STEL (15 min exposure limit): 750 (OES)

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition. Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Respiratory protection not required. Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Aerosol

Colour: Colourless

Odour: Irritating odour which may affect the eyes and respiratory system

Evaporation rate: Slow

Solubility in water: Slightly soluble

Also soluble in: Most organic solvents.

Melting point/range°C: 410/580

Flash point°C: -40

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

[cont..

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

Materials to avoid: Water. Oxidising agents.

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

Mobility: Non-volatile.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal operations: D1 Tipping above or underground (e.g. landfill, etc.).

R1 Solvent reclamation/regeneration.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 1950

ADR Class: 2

Shipping name: (LOW BOILING POINT MODIFIED NAPHTHA - NAPHTHA (PETROLEUM),
SOLVENT-REFINED LIGHT; N-HEXANE; PROPANE; BUTANE)

IMDG / IMO

IATA / ICAO

15. REGULATORY INFORMATION

Hazard symbols: Highly flammable.

Dangerous for the environment.

Harmful.



Risk phrases: R11: Highly flammable.

Safety phrases: S2: Keep out of the reach of children.

S3/9: Keep in a cool, well ventilated place.

S16: Keep away from sources of ignition - No smoking.

S17: Keep away from combustible material.

S24: Avoid contact with skin.

S20/21: When using do not eat, drink or smoke.

S25: Avoid contact with eyes.

[cont...]

S27: Take off immediately all contaminated clothing.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S29/35: Do not empty into drains; dispose of this material and its container in a safe way.

S33: Take precautionary measures against static discharges.

S36/37: Wear suitable protective clothing and gloves.

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S49: Keep only in the original container.

S46: If swallowed, seek medical advice immediately and show this container or label.

S56: Dispose of this material and its container to hazardous or special waste collection point.

S60: This material and its container must be disposed of as hazardous waste.

Precautionary phrases: Warning! Do not use together with other products. May release dangerous gases (chlorine).
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.