

POLYDIMETHYLSILOXANE**0318**

October 2001

CAS No: 9016-00-6
RTECS No: TQ2690000Dimethyl polysiloxane
(C₂H₆OSi)_n

| TYPES OF HAZARD/ EXPOSURE | ACUTE HAZARDS/SYMPTOMS | PREVENTION | FIRST AID/FIRE FIGHTING |
|---------------------------|------------------------------|--|---|
| FIRE | Combustible. | NO open flames. | Powder, AFFF, foam, carbon dioxide. |
| EXPLOSION | | | |
| EXPOSURE | | | |
| Inhalation | | Ventilation. | Fresh air, rest. |
| Skin | | Protective gloves. | Remove contaminated clothes. Rinse skin with plenty of water or shower. |
| Eyes | Redness. Pain. | Safety spectacles. | First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor. |
| Ingestion | Nausea. Vomiting. Diarrhoea. | Do not eat, drink, or smoke during work. | Rinse mouth. Do NOT induce vomiting. |

SPILLAGE DISPOSAL

Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid in sand or inert absorbent and remove to safe place.

PACKAGING & LABELLING**EMERGENCY RESPONSE****STORAGE**

IMPORTANT DATA

Physical State; Appearance
OILY COLOURLESS LIQUID.

Occupational exposure limits
TLV not established.

Routes of exposure

The substance can be absorbed into the body by inhalation.

Inhalation risk

No indication can be given about the rate in which a harmful concentration in the air is reached on evaporation of this substance at 20°C.

Effects of short-term exposure

The substance is irritating to the eyes.

PHYSICAL PROPERTIES

Melting point: -50°C
Relative density (water = 1): 0.91-1.0
Solubility in water: none

Flash point: >110°C
Octanol/water partition coefficient as log Pow: 2.6-4.25

ENVIRONMENTAL DATA**NOTES****ADDITIONAL INFORMATION****LEGAL NOTICE**

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