

# Material Safety Data Sheet



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SAFETY DATA SHEET

11/ 6/2004

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

DOW CHEMICAL COMPANY LTD

2 HEATHROW BOULEVARD  
284 BATH ROAD  
WEST DRAYTON  
MIDDLESEX  
UB7 0DQ

24 HOUR EMERGENCY RESPONSE NUMBER : +44-1553-761-251

For product information: +44-0208-917-5000

Product Name: SYLTHERM\* 800 STAB HTF

LV70: 39260

Issue Date: Nov. 95

Ref: 00510

Revised: June 04 (Section(s) 8)

Use of the substance/preparation  
For industrial use only.

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Modified polydimethyl siloxane

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## 3. HAZARDS IDENTIFICATION

This product is not classified as dangerous according to EC criteria.

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## 4. FIRST-AID MEASURES

Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

### Inhalation

Move person to fresh air; if effects occur, consult a physician.

### Skin Contact

Wash skin with plenty of water.

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**Eye Contact**

Flush eyes thoroughly with water for several minutes. Remove contact lenses after initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

**Ingestion**

Induce vomiting if large amounts are ingested. Consult medical personnel.

**Note to Physician**

No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

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**5. FIRE-FIGHTING MEASURES****Extinguishing Media**

Water fog or fine spray. Carbon dioxide. Foam. Dry chemical fire extinguishers.

**Protection of Firefighters**

Wear positive-pressure self-contained breathing apparatus and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves).

**Hazardous Combustion Products**

Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds.

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**6. ACCIDENTAL RELEASE MEASURES****Environmental Precautions**

Contain liquid to prevent contamination of soil, surface water or ground water.

**Methods of Cleaning Up**

Large spills: Contain with dike. Pump into suitable and properly labelled containers.

Small spills: Cover and soak up with a suitable absorbent material. Collect in suitable and properly labelled containers. Dispose of according to applicable regulations, see Section 13, DISPOSAL CONSIDERATIONS.

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## 7. HANDLING AND STORAGE

### Handling

Practice care and caution to avoid skin and eye contact.

This product is not intended for use at high temperatures in air. Temperatures above 150 deg.C may require special precautions. When performing maintenance activities, proper care should be taken to prevent spilled fluid from entering the environment. Any spilled fluid should be absorbed and disposed of in accordance with all regulations.

### Storage

Store containers tightly closed in a well ventilated area.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

None established.

### Engineering Controls

Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

### Personal Protective Equipment

#### - Respiratory Protection

For most conditions, no respiratory protection should be needed; however, if material is heated or sprayed, use an approved air-purifying respirator.

Use a CE approved air-purifying respirator with cartridge/filter for: Organic vapours, type A (boiling point >65 deg.C).

#### - Skin Protection

No precautions other than clean body-covering clothing should be needed.

#### -Hand protection

Gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.

#### - Eye/Face Protection

Use safety glasses.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Melting point/range	: < -40 deg.C
Boiling point/range	: not applicable
Density	: 0.935 g/cm <sup>3</sup> (25 deg.C)
pH	: not applicable
Water solubility	: <0.1 %wt
LogP (octanol/water)	: not determined
Vapour pressure	: <5 mbar (25 deg.C)
Flash point	: 160 deg.C (as supplied) Closed cup
Auto-ignition temp.	: 385 deg.C
Flammability-LFL	: 0.9 deg.C (100 deg.C)
Flammability-UFL	: 5.0 deg.C (130 deg.C)

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10. STABILITY AND REACTIVITY

Conditions to Avoid  
Stable under normal storage conditions.

Materials to Avoid  
Oxidising agents.

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11. TOXICOLOGICAL INFORMATION

## Acute toxicity

## - Ingestion

Low toxicity if swallowed. The oral LD50 for rats is >15'400 mg/kg. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

## - Skin Contact

Prolonged skin contact is unlikely to result in absorption of harmful amounts. The LD50 for skin absorption in rabbits is >2'000 mg/kg.

## - Inhalation

At room temperature, vapours are minimal due to low vapour pressure. If material is heated or mist is produced, concentrations may be attained that may be hazardous on single exposure.

## Irritation

## - Skin

Essentially nonirritating to the skin.

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- Eyes

May cause slight temporary eye irritation. Corneal injury is unlikely.  
May cause temporary discomfort and dryness similar to windburn.

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12. ECOLOGICAL INFORMATION

Environmental effects not determined under laboratory conditions.

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13. DISPOSAL CONSIDERATIONS

The preferred options are to send to licensed reclaimer or to permitted incinerators. Any disposal practice must be in compliance with all local and national laws and regulations. Empty containers can only be disposed of when the remaining product adhering to the container walls has been removed. Remove all labels.

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14. TRANSPORT INFORMATION

Product is not classified for any mode of transportation.

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15. REGULATORY INFORMATION

EC Classification and User Label Information

This product does not require classification according to the criteria of the Commission of the European Communities.

EINECS Status

Existing polymer according to the definition in the 7th Amendment to Directive 67/548/EEC and all starting materials and additives are listed in EINECS.

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16. OTHER INFORMATION

No other information.

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The information herein is given in good faith and to the best of our knowledge but no warranty, express or implied, is made.