

This safety data sheet has been prepared in accordance with the requirements of EC Directives 1999/45/EC and 2001/58/EC and provides information relating to the safe handling and use of the product.

1. PRODUCT AND COMPANY INFORMATION

Product Code	0198376
Trade Name	5145
Manufacturer/Supplier	Henkel Loctite Adhesives Ltd.
Address	Watchmead, Welwyn Garden City, Herts., AL71JB. UK
Phone Number	01 707 358800
Fax Number	01 707 358900
Emergency Phone Number	+353-1-4599301/+353-87-2629625/+353-1-4046444

2. COMPOSITION / INFORMATION ON INGREDIENTS

Nature	Methoxy curing silicone Mixtures of polydimethylsiloxanes, organic fillers and crosslinkers.
---------------	---

Hazardous Components in Product for EC

Component Name	CAS / EINEC	Concentration	R Phrases	Classification
Hexamethyldisilazane	999-97-3 213-668-5	0.10 - 1.00	R11, R20/21/22, R34	C, F
Dimethyldimethoxysilane	1112-39-6	1.00 - 5.00	R11	

3. HAZARD IDENTIFICATION

This product is not classified as hazardous.
Methoxy curing silicones release methanol in contact with moisture. Methanol is toxic if swallowed and harmful by inhalation. It is highly flammable.

4. FIRST AID MEASURES

First Aid - Inhalation

Remove patient to fresh air and seek medical attention.

First Aid - Skin

Wash skin with plenty of soap and water.

First Aid - Eyes

Flush eyes immediately with plenty of water for at least 15 minutes.

First Aid - Ingestion

Rinse mouth with water then give plenty of water to drink. Do not induce vomiting. Seek medical advice.

4. FIRST AID MEASURES

5. FIRE FIGHTING MEASURES

No unusual fire hazards.

If product is involved in fire extinguish with dry powder, foam or carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area.

For small spills wipe up with paper towel and place in container for disposal.

For large spills absorb onto inert absorbent material and place in sealed container for disposal.

Wash spillage site thoroughly with soap and water or detergent solution.

7. HANDLING AND STORAGE

Handling

Use in a well ventilated area.

Vapours should be extracted to avoid inhalation.

Storage

Storage temperature range 1°C to 25°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

In circumstances where there is a potential for prolonged or repeated skin contact, the use of polyvinyl chloride or nitrile rubber gauntlets or equivalent solvent resistant gloves is recommended. Good industrial hygiene practices should be observed. Use in well ventilated area. Safety glasses should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste.
Colour	Colourless.
Odour	Mild. Alcoholic.
pH	N/A
Boiling Range/Point (°C)	N/A
Flash Point (CC) (°C)	>100
Specific Gravity	1.1.
Solubility in Water (kg/m³)	Immiscible.
Solubility in Acetone	Partially soluble
Vapour Pressure (mmHg @25°C)	<5.0
Explosion Limits (%)	N/A

10. STABILITY AND REACTIVITY

Stable under normal conditions.

Polymerisation will occur in the presence of moisture.

11. TOXICOLOGICAL INFORMATION

Inhalation

Methanol released during polymerisation of RTV silicones is toxic by inhalation. It is also highly flammable.

Skin

Prolonged contact may cause some irritation.

Eyes

Not considered to be an eye irritant.

Ingestion

This product is considered to be of low toxicity having an acute oral LD50 (rat) >5000mg/kg by analogy to other similar products.

Methanol released during polymerisation of alkoxy RTV silicones is toxic if swallowed.

12. ECOLOGICAL INFORMATION

Keep away from drains and open waters.

Biological and Chemical Oxygen Demands (BOD and COD) of cured Loctite products are insignificant. In the cured state contribution of this product to Environmental Hazards is insignificant in comparison to articles in which it is used.

13. DISPOSAL CONSIDERATIONS

After use, tubes, cartons and bottles containing residual product should be disposed of as "chemically contaminated waste" in an authorised legal land fill site or incinerated. Dispose of in accordance with local and national regulations. Contribution of this product to waste is very insignificant in comparison to article in which it is used.

14. TRANSPORT INFORMATION

UN Number	None
Air (IATA)	Not classified.
Sea (IMO)	Not classified.
Road (ADR)/Rail (RID)	Not classified.

15. REGULATORY INFORMATION

Contains	N/A
Labelling Information	
R phrases	None.
S phrases	None.
Voluntary Labelling	Volatile by-products are released during polymerisation. See safety data sheet for further information.

16. OTHER INFORMATION

MSDS data revised	15 July 2003
--------------------------	--------------

Hazardous Components in Product for EC**Component Name**

Hexamethyldisilazane

Dimethyldimethoxysilane

R11

R20/21/22

R34

R11 Highly flammable.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R34 Causes burns.

R Phrases

R11, R20/21/22,

R34

R11

Prepared by:

Dr. Paul Friery
Senior HRA Specialist
Health & Regulatory Affairs - Europe

Further Information may be obtained from:-

Loctite Corporation,
Health and Regulatory Affairs - Europe,
Tallaght Business Park,
Whitestown,
Dublin 24,
Ireland.

Tel: +353-1-4046444.

Fax: +353-1-4510806.

The information in this safety data sheet was obtained from reputable sources and to the best of our knowledge is accurate and current at the mentioned date. Neither Loctite nor its subsidiary companies accept any liability arising out of the use of the information provided here or the use, application or processing of the product(s) described herein. Attention of users is drawn to the possible hazards from improper use of the product(s). This safety data sheet was prepared in accordance with Commission Directive 2001/59/EC adapting to technical progress for the 28th time Council Directive 67/548/EEC and Commission Directive 1999/45/EC.
