

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.

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**1. PRODUCT AND COMPANY INFORMATION**

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<b>Product Code</b>	0198376
<b>Trade Name</b>	5145
<b>Manufacturer/Supplier</b>	Henkel Loctite Adhesives Ltd.
<b>Address</b>	Watchmead, Welwyn Garden City, Herts., AL71JB. UK
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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

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<b>Nature</b>	Methoxy curing silicone Mixtures of polydimethylsiloxanes, organic fillers and crosslinkers.
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**Hazardous Components in Product for EC**

<b>Component Name</b>	<b>CAS / EINEC</b>	<b>Concentration</b>	<b>R Phrases</b>	<b>Classification</b>
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	

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**3. HAZARD IDENTIFICATION**

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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.

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**4. FIRST AID MEASURES**

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**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.

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**5. FIRE FIGHTING MEASURES**

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No unusual fire hazards.

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

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**6. ACCIDENTAL RELEASE MEASURES**

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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.

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**7. HANDLING AND STORAGE**

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**Handling**

Use in a well ventilated area.

Vapours should be extracted to avoid inhalation.

**Storage**

Storage temperature range 1°C to 25°C.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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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.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Physical State</b>	Paste.
<b>Colour</b>	Colourless.
<b>Odour</b>	Mild. Alcoholic.
<b>pH</b>	N/A
<b>Boiling Range/Point (°C)</b>	N/A
<b>Flash Point (CC) (°C)</b>	>100
<b>Specific Gravity</b>	1.1.
<b>Solubility in Water (kg/m<sup>3</sup>)</b>	Immiscible.
<b>Solubility in Acetone</b>	Partially soluble
<b>Vapour Pressure (mmHg @25°C)</b>	<5.0
<b>Explosion Limits (%)</b>	N/A

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**10. STABILITY AND REACTIVITY**

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Stable under normal conditions.

Polymerisation will occur in the presence of moisture.

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**11. TOXICOLOGICAL INFORMATION**

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**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.

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**12. ECOLOGICAL INFORMATION**

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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.

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**13. DISPOSAL CONSIDERATIONS**

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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.

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**14. TRANSPORT INFORMATION**

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

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**15. REGULATORY INFORMATION**

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

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**16. OTHER INFORMATION**

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<b>MSDS data revised</b>	15 July 2003
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**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

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