

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	0392678
Trade Name	5900
Manufacturer/Supplier	Henkel Loctite Adhesives Ltd.
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Nature	Silicone sealant. Mixtures of polydimethylsiloxanes, organic fillers and crosslinkers.
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Hazardous Components in Product for EC

Component Name	CAS / EINEC	Concentration	R Phrases	Classification
Vinyl Tris (Methyl ethyl ketoximino) Silane	2224-33-1 218-747-8	1.00 - 5.00	R36	Xi
Tetra (MEK Oximo) Silane/Vinyl Tris (MEK Oximo) Silane, Methylethyl Ketoxime	2224-33-1, 96-29-7 202-496-6	1.00 - 5.00	R11, R36/37/38 R21, R40, R41, R43	Xn

3. HAZARD IDENTIFICATION

Irritating to eyes. Limited evidence of a carcinogenic effect. May cause sensitisation by skin contact.

Oxime curing silicones release Methylethylketoxime (MEKO) in contact with moisture. MEKO is classified as Harmful with Risk phrases R-21, 40, 41 and 43. Harmful in contact with skin. Limited evidence of a carcinogenic effect. Risk of serious damage to eyes. May cause sensitisation by skin contact.

4. FIRST AID MEASURES

First Aid - Inhalation

Remove affected person to fresh air.

Volatile by-product released during polymerisation may cause irritation to respiratory system.

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.

Volatile by-product released during polymerisation may cause irritation to eyes.

First Aid - Ingestion

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

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.

Silicones release by products in contact with moisture which are irritating to eyes and respiratory system.

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

Keep in a cool, well-ventilated area. Store in a sealed container away from moisture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Good industrial hygiene practices should be observed. In circumstances where there is a potential for prolonged or repeated skin contact, the use of disposable gloves (polyethylene, natural rubber or equivalent ester-resistant material) is recommended. Use in well ventilated area. Safety glasses should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste.
Colour	Black.
Odour	Mild. Characteristic.
pH	N/A
Boiling Range/Point (°C)	>200
Flash Point (CC) (°C)	Not applicable.
Specific Gravity	1.31 g/cm ³ .
Solubility in Water (kg/m³)	Insoluble.
Solubility in Acetone	Partially soluble
Vapour Pressure (mmHg @25°C)	Less than 0.1 at 20 °C.
Explosion Limits (%)	N/A

10. STABILITY AND REACTIVITY

The product is relatively stable under normal conditions of use.

Polymerisation will occur in the presence of moisture.

11. TOXICOLOGICAL INFORMATION

Inhalation

Methylethyl ketoxime released during polymerisation of oxime curing RTV silicones is irritating to the respiratory system.

11. TOXICOLOGICAL INFORMATION

Skin

May cause sensitisation by skin contact.

Methylethyl ketoxime released during polymerisation of oxime curing silicones.

It is harmful in contact with skin and is a skin sensitizer.

Eyes

This product is an irritant to the eyes.

Methylethyl Ketoxime is released during polymerisation of oxime curing silicone.

Risk of serious damage to eyes.

Ingestion

May irritate the digestive tract. Ingestion of large quantities may cause damage to liver or kidneys.

12. ECOLOGICAL INFORMATION

Biodegradable product of low ecotoxicity. 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. Precautions required with respect to Environmental Hazards of articles in which this product is used should be considered.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local and national regulations. 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. 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	Methylethylketoxime
Labelling Information	 Harmful

R phrases

R36 Irritating to eyes.
R40 Limited evidence of a carcinogenic effect.
R43 May cause sensitisation by skin contact.

S phrases

S23 Do not breathe vapour.
S24 Avoid contact with skin.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of soap and water.

Voluntary Labelling

S36/37 Wear suitable protective clothing and gloves.
Volatile by-products are released during polymerisation.
See safety data sheet for further information.

16. OTHER INFORMATION

MSDS data revised

2 July 2003

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

Vinyl Tris (Methyl ethyl ketoximino)

Silane

Tetra (MEK Oximo) Silane/Vinyl Tris

(MEK Oximo) Silane,

Methylethyl Ketoxime

R Phrases

R36

R11, R36/37/38

R21, R40, R41,
R43

R11

R11 Highly flammable.

R21

R21 Harmful in contact with skin.

R36

R36 Irritating to eyes.

R36/37/38

R36/37/38 Irritating to eyes, respiratory system and skin.

R40

R40 Limited evidence of a carcinogenic effect.

R41

R41 Risk of serious damage to eyes.

R43

R43 May cause sensitisation by skin contact.

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Supersedes Safety Data Sheet No: 0392678 IE Ver. 6.00