

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	07809039
Trade Name	595 [Clear Silicone]
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 Acetox curing silicone.
Mixtures of polydimethylsiloxanes, organic fillers and crosslinkers.

Hazardous Components in Product for EC

Component Name	CAS / EINEC	Concentration	R Phrases	Classification
Methyl triacetoxysilane	4253-34-3 224-221-9	1.00 - 5.00	R14, R34	C

3. HAZARD IDENTIFICATION

Not classified as hazardous.

Acetox curing silicones release acetic acid vapours in contact with moisture. Acetic acid is corrosive and irritating to the eyes and respiratory system.

4. FIRST AID MEASURES

First Aid - Inhalation

Volatile by-product released during polymerisation may cause irritation to respiratory system. Remove affected person to fresh air.

First Aid - Skin

Wash skin with plenty of soap and water.

First Aid - Eyes

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

5. FIRE FIGHTING MEASURES

No unusual fire hazards.

Non flammable product (flash point is greater than 100°C (CC)).

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

6. ACCIDENTAL RELEASE MEASURES

Ventilate area.

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

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

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

7. HANDLING AND STORAGE

Handling

No special handling requirements.

Avoid contact with skin and eyes.

Adequate ventilation is recommended to remove traces of odour.

Storage

No special storage conditions required.

Keep in a cool, well-ventilated area.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste.
Colour	Clear
Odour	Acidic.
pH	Not applicable.
Boiling Range/Point (°C)	Not applicable.
Flash Point (CC) (°C)	>150
Specific Gravity	1.04 ml at 20 °C.
Solubility in Water (kg/m³)	Insoluble.
Solubility in Acetone	Insoluble
Vapour Pressure (mmHg @25°C)	Less than 0.1 mmHg 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

Acetic acid released during the polymerisation of acetoxy curing RTV silicones is harmful to the respiratory system.

11. TOXICOLOGICAL INFORMATION

Skin

This Product is of low toxicity and is not easily absorbed through the skin.

Acetic acid released during polymerisation of acetoxo curing RTV silicones is irritating to the skin.

Eyes

Not considered to be an eye irritant.

Acetic acid released during polymerisation of acetoxo curing RTV silicones is irritating to the eyes.

Ingestion

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

12. ECOLOGICAL INFORMATION

Cured Loctite products are typical polymers and do not pose any immediate environmental hazards.

Biological and Chemical Oxygen Demands (BOD and COD) of cured Loctite products are insignificant.

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

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.

Contribution of this product to waste is very insignificant in comparison to article in which it is used. Regulations governing disposal of individual articles apply.

Dispose of in accordance with local and national regulations.

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	None
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	21 May 1999
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Hazardous Components in Product for EC**Component Name**Methyl triacetoxysilane
R14
R34R14 Reacts violently with water.
R34 Causes burns.**R Phrases**

R14, R34

Prepared by:

Dr. Prabhu Kulkarni F.I.C.I., F.I.O.S.H.,
Senior Chemist.
Health and Regulatory Affairs - Europe.

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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.

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