

This safety data sheet has been prepared in accordance with the requirements of EC Directive 88/379/EEC and 91/155/EEC (and other related directives) 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>	0128042
<b>Trade Name</b>	5331
<b>Manufacturer/Supplier</b>	Loctite UK
<b>Address</b>	Watchmead, Welwyn Garden City, Herts., AL71JB.
<b>Phone Number</b>	01 707 358800
<b>Fax Number</b>	01 707 358900
<b>Emergency Phone Number</b>	+353-1-4599301/+353-1-87-2629625/+353-1-4046444

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

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**Nature** Acetoxy curing silicone.  
Mixtures of polydimethylsiloxanes, organic fillers and crosslinkers.

**Hazardous Components in Product for EC**

<b>Component Name</b>	<b>Concentration</b>	<b>R Phrases</b>	<b>Classification</b>
Acetoxy Silane	1.00 - 5.00	R14, R34	C

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**3. HAZARD IDENTIFICATION**

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This product is not classified as hazardous.  
Acetoxy curing silicones release acetic acid vapours in contact with moisture. Acetic acid is corrosive and irritating to the eyes and respiratory system.

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**4. FIRST AID MEASURES**

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**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 with plenty of water for at least 15 minutes. If irritation persists seek medical attention.

**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.

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.

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**6. ACCIDENTAL RELEASE MEASURES**

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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.

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**7. HANDLING AND STORAGE**

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**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.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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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.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Physical State</b>	Paste.
<b>Colour</b>	White.
<b>Odour</b>	Sharp. Acidic.
<b>pH</b>	Not applicable.
<b>Boiling Range/Point (°C)</b>	---
<b>Flash Point (CC) (°C)</b>	> 100
<b>Specific Gravity</b>	1.14/ml at 20 °C.
<b>Solubility in Water</b>	Partially soluble.
<b>(kg/m<sup>3</sup>)</b>	
<b>Solubility in Acetone</b>	Insoluble
<b>Vapour Pressure (mmHg</b>	<0.1 mmHg at 20 °C.
<b>@25°C)</b>	
<b>Explosion Limits (%)</b>	N/A

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**10. STABILITY AND REACTIVITY**

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The product is relatively stable under normal conditions of use.  
Polymerisation will occur in the presence of moisture.

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**11. TOXICOLOGICAL INFORMATION**

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**Inhalation**

Due to the low volatility of the product there are no hazards associated with inhalation under normal conditions of use.

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

**Skin**

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

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

**Eyes**

Not considered to be an eye irritant.

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

**Ingestion**

This product is considered to be of low toxicity.

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**12. ECOLOGICAL INFORMATION**

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Keep away from drains and open waters.

Biodegradable product of low ecotoxicity.

Does not contain substances listed on the Montreal protocol.

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.

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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.

Large quantities of unused products may be disposed as chemical waste after polymerizing by adding Water.

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.

Regulations governing disposal of individual articles apply.

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**14. TRANSPORT INFORMATION**

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**UN Number**

Not classified.

**Air (IATA)**

Not classified.

**Sea (IMO)**

Not classified.

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**14. TRANSPORT INFORMATION**

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**Road (ADR)/Rail (RID)** Not classified.

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**15. REGULATORY INFORMATION**

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<b>Contains</b>	N/A
<b>Labelling Information</b>	None
<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 first issued</b>	11 February 1996
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