

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>	0178405
<b>Trade Name</b>	7251
<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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<b>Nature</b>	Solvent based polyurethane primer.		
<b>Hazardous Components in Product for EC</b>			
<b>Component Name</b>	<b>Concentration</b>	<b>R Phrases</b>	<b>Classification</b>
Methyl ethyl ketone	60.00 - 80.00	R11, R36/37	Xi, F
Toluene	1.00 - 3.00	R11, R20	F, Xn

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## 3. HAZARD IDENTIFICATION

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This product is highly flammable.  
Irritating to eyes, respiratory system and skin.  
Solvent will have a defatting action on the skin making it more susceptible to dermatitis and sensitisation. Inhalation of vapours may cause headaches or dizziness.

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## 4. FIRST AID MEASURES

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**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 or milk to drink. Do not induce vomiting.

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## 5. FIRE FIGHTING MEASURES

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Keep unaffected containers cool with water spray.  
If product is involved in fire extinguish with dry powder, foam or carbon dioxide.

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Trace amounts of toxic fumes may be released on incineration and the use of breathing apparatus is recommended.

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## 6. ACCIDENTAL RELEASE MEASURES

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Ventilate area.

Eliminate sources of ignition.

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.

Avoid sources of ignition - no smoking.

Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation.

### Storage

Keep away from sources of ignition. Store away from heat in a cool, well-ventilated area. Storage temperature range 1°C to 25°C.

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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 polyvinyl chloride, polyethylene or nitrile rubber gauntlets or equivalent solvent resistant gloves is recommended.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical State</b>	Liquid.
<b>Colour</b>	Black.
<b>Odour</b>	Strong Characteristic.
<b>pH</b>	N/A
<b>Boiling Range/Point (°C)</b>	76 to 80.
<b>Flash Point (CC) (°C)</b>	< 21
<b>Specific Gravity</b>	0.91.
<b>Solubility in Water (kg/m<sup>3</sup>)</b>	Insoluble.
<b>Solubility in Acetone</b>	Partially soluble
<b>Vapour Pressure (mmHg @25°C)</b>	70 at 20 °C.
<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**

Inhalation of vapours may cause headaches or dizziness.

May cause irritation to respiratory system and mucous membranes if used in confined spaces.

Exposure to the solvent vapour should be minimised and the product should be used where adequate ventilation is available.

### **Skin**

This product is classified as a skin irritant. Solvent may remove essential oils from the skin making it susceptible to attack from other chemicals.

### **Eyes**

This product is an irritant to the eyes. Vapours may be irritating to eyes causing lachrymatory effect.

### **Ingestion**

This product is considered to be of low toxicity having an acute oral LD50 (rat) >2000mg/kg by analogy to other similar products. Ingestion of large quantities may cause liver or kidney damage.

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## 12. ECOLOGICAL INFORMATION

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The product should not go into drains or surface water.

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.

By analogy with other similar products, Loctite products are not readily biodegradable.

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.

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.

Incinerate or bury in legal landfill.

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

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## 14. TRANSPORT INFORMATION

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### **UN Number**

1993

### **Air (IATA)**

Flammable liquid, n.o.s. Class 3, Pkg. Grp. II.

### **Sea (IMO)**

Flammable liquid, n.o.s., Class 3.2, Pkg. Grp. II.

### **Road (ADR)/Rail (RID)**

Inflammable liquid, Class 3, label No. 3.

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**15. REGULATORY INFORMATION**

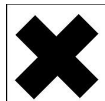
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**Contains**

Contains isocyanates and butanone. See information supplied by the manufacturer.

**Labelling Information**

Highly flammable



Irritant

**R phrases**R11 Highly flammable.  
R36/37/38 Irritating to eyes, respiratory system and skin.**S phrases**S9 Keep container in a well ventilated place.  
S16 Keep away from sources of ignition - No Smoking.  
S25 Avoid contact with eyes. 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**

N/A

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**16. OTHER INFORMATION**

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**MSDS first issued**

10 July 1996

**MSDS data revised**

16 March 1999

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