

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**

---

<b>Product Code</b>	PP-00011
<b>Trade Name</b>	LEAK-FIX [ PP-10/11]
<b>Manufacturer/Supplier</b>	Henkel Loctite Adhesives Ltd.
<b>Address</b>	Watchmead, Welwyn Garden City, Herts., AL71JB. UK
<b>Phone Number</b>	01 707 358800
<b>Fax Number</b>	01 707 358900
<b>Emergency Phone Number</b>	+353-1-4599301/+353-87-2629625/+353-1-4046444

---

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

---

<b>Nature</b>	General purpose sealant Mixture of Unsaturated Polyester Resin and Inorganic Fillers
---------------	--------------------------------------------------------------------------------------------

**Hazardous Components in Product for EC**

<b>Component Name</b>	<b>CAS / EINECS</b>	<b>Concentration</b>	<b>R Phrases</b>	<b>Classification</b>
Styrene Monomer	100-42-5 202- 851-5	10.00 - 20.00	R10, R20, R36/38	Xn

---

**3. HAZARD IDENTIFICATION**

---

Flammable. Harmful by inhalation. Irritating to eyes and skin.  
Prolonged contact with skin, particularly damaged skin, may cause sensitization or dermatitis in sensitive individuals.

---

**4. FIRST AID MEASURES**

---

**First Aid - Inhalation**

Remove affected person to fresh air, and if still feeling unwell seek medical attention.

**First Aid - Skin**

Wash with plenty of soap and water. If irritation persists, seek medical advice.

**First Aid - 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 and seek medical advice.

---

**5. FIRE FIGHTING MEASURES**

---

No unusual fire hazards.  
If product is involved in fire extinguish with dry powder, foam or carbon dioxide.  
Thermal decomposition would produce a complex variety of chemical species, some of which could be irritating and/or harmful if inhaled in significant volumes.

---

**6. ACCIDENTAL RELEASE MEASURES**

---

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.

---

**7. HANDLING AND STORAGE**

---

**Handling**

Use in well ventilated area.

Avoid inhaling vapour.

Adequate ventilation is recommended to remove traces of odour.

Avoid sources of ignition - no smoking.

Avoid contact with skin and eyes.

**Storage**

Storage temperature range 1°C to 25°C.

Store away from heat in a cool, well-ventilated area.

Store away from direct sunlight.

---

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

---

**Occupational exposure limits****Styrene Monomer**

ACGIH: TLV 50ppm (213mg/m<sup>3</sup>) 8h TWA.

ACGIH: STEL 100ppm (426mg/m<sup>3</sup>) 15min TWA.

NO: Adm. norm 25ppm (105mg/m<sup>3</sup>).

SE: NGV 20ppm 8h TWA.

FRG: MAK 20ppm (85mg/m<sup>3</sup>) 8h TWA.

Peak limitation category II, 1.

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**

---

<b>Physical State</b>	Paste.
<b>Colour</b>	Black.
<b>Odour</b>	Characteristic. Fatty.
<b>pH</b>	Not applicable.
<b>Boiling Range/Point (°C)</b>	>100
<b>Flash Point (CC) (°C)</b>	32
<b>Specific Gravity</b>	1.5
<b>Solubility in Water (kg/m<sup>3</sup>)</b>	Insoluble.
<b>Solubility in Acetone</b>	Insoluble
<b>Vapour Pressure (mmHg @25°C)</b>	<10
<b>Explosion Limits (%)</b>	N/A

---

**10. STABILITY AND REACTIVITY**

---

The product is relatively stable under normal conditions of use.  
Extreme heat or exposure to flame should be avoided.

---

**11. TOXICOLOGICAL INFORMATION**

---

**Inhalation**

This product is harmful by inhalation.  
Inhalation of vapours may cause headaches or dizziness.  
May cause irritation to respiratory system and mucous membranes if used in confined spaces.

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

---

**12. ECOLOGICAL INFORMATION**

---

Keep away from drains and open waters.  
Cured Loctite products are typical polymers and do not pose any immediate environmental hazards.

---

**13. DISPOSAL CONSIDERATIONS**

---

Dispose of in accordance with local and national regulations.  
Incineration under controlled conditions recommended.

---

**14. TRANSPORT INFORMATION**

---

<b>UN Number</b>	3269
<b>Air (IATA)</b>	Polyester Resin kit, flammable liquid, Class 3, Pkg. Grp. III.
<b>Sea (IMO)</b>	Polyester Resin kit n.o.s. Class 3, Pkg. Grp III.
<b>Road (ADR)/Rail (RID)</b>	EmS F-E, S-D . Polyester Resin kit, Class 3, label No. 3.

---

**15. REGULATORY INFORMATION**

---

<b>Contains</b>	Styrene Monomer	
<b>Labelling Information</b>	 Harmful	None

<b>R phrases</b>	R10 Flammable. R20 Harmful by inhalation. R36/38 Irritating to eyes and skin.
<b>S phrases</b>	S2 Keep out of the reach of children. S16 Keep away from sources of ignition - No Smoking. S23 Do not breathe vapour.

**15. REGULATORY INFORMATION**

---

**Voluntary Labelling**

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.  
N/A

**16. OTHER INFORMATION**

---

**MSDS data revised**

5 March 2003

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

Styrene Monomer

R10

R20

R36/38

R10 Flammable.

R20 Harmful by inhalation.

R36/38 Irritating to eyes and skin.

**R Phrases**

R10, R20, R36/38

Supersedes Safety Data Sheet No: PP 00011 dated 11/12/2002.

Prepared by:

Dr. Josie Guthrie  
Senior Regulatory Scientist  
Health & Regulatory Affairs - Europe

Further Information may be obtained from:-

Loctite Corporation,  
Health and Regulatory Affairs - Europe,  
Tallaght Business Park,  
Whitestown,

This safety data sheet was prepared in accordance with Commission Directive 2001/59/EC adapting to technical progress for the 28th time Council Directive 67/548/EEC and Commission Directive 1999/45/EC.

The information in this safety data sheet was obtained from reputable sources and to the best of our knowledge is accurate and current at the mentioned date. Neither Loctite nor its subsidiary companies accept any liability arising out of the use of the information provided here or the use, application or processing of the product(s) described herein.

Attention of users is drawn to the possible hazards from improper use of the product(s).

---