

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	0178395A
Trade Name	7457(Aerosol)
Manufacturer/Supplier	Henkel Loctite Adhesives Ltd.
Address	Watchmead, Welwyn Garden City, Herts., AL71JB. UK
Phone Number	01 707 358800
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Emergency Phone Number	+353-1-4599301/+353-87-2629625/+353-1-4046444

Supplied by:
RS Components Ltd.
Birchington Road, Corby, Northants, NN17 9RS.
Tel: (01536) 402888

2. COMPOSITION / INFORMATION ON INGREDIENTS

Nature	Solvent based activator.			
Hazardous Components in Product for EC				
Component Name	CAS / EINEC	Concentration	R Phrases	Classification
Heptane	142-82-5 205-563-8	60.00 - 90.00	R11, R38, R65, R67, R50/53	F, Xn, N
Hydrocarbon propellant		5.00 - 20.00	R12	F+
Poly(Oxypropylene) Diamine	9046-10-0	0.10 - 0.50	R34	C

3. HAZARD IDENTIFICATION

Extremely flammable. Irritating to 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.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 skin with plenty of soap and water and apply replenishing cream if necessary. Seek medical advice if irritation develops.

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. Do not induce vomiting. Seek medical advice.

5. FIRE FIGHTING MEASURES

Aerosol containers may explode when exposed to high temperatures. Keep containers and surroundings cool with water spray.
Keep unaffected containers cool with water spray. If product is involved in fire extinguish with dry powder, foam or carbon dioxide. Self contained breathing apparatus should be worn when dealing with fire.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area.

6. ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition. For small spills wipe up with paper towel and place in container for disposal.

7. HANDLING AND STORAGE

Handling

Avoid sources of ignition - no smoking. Vapours should be extracted to avoid inhalation. Prolonged or repeated skin contact should be avoided.

Storage

Keep away from sources of ignition. Store away from heat in a cool, well-ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits**Heptane**

HSA (2002).C.O.P.: OEL 400 ppm,(1600 mg/m3) 8h TWA

HSA (2002).C.O.P.: OEL 500 ppm,(2000 mg/m3) 15 min exposure limit.

ACGIH: TLV 400ppm 8h TWA.

ACGIH: STEL 500ppm 15min TWA.

Good industrial hygiene practices should be observed.

Use in well ventilated area. In circumstances where there is a potential for prolonged or repeated skin contact, the use of polyvinyl chloride or nitrile rubber gauntlets or equivalent solvent resistant gloves is recommended. Safety glasses should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Colour	Colourless.
Odour	Pungent.
pH	Not determined.
Boiling Range/Point (°C)	Not applicable for an aerosol
Flash Point (CC) (°C)	Not applicable for an aerosol
Specific Gravity	0.68 g/cm3 at 20 °C.
Solubility in Water (kg/m³)	Immiscible.
Solubility in Acetone	Miscible
Vapour Pressure (mmHg @25°C)	35 at 20 °C.
Explosion Limits (%)	1 to 7.

10. STABILITY AND REACTIVITY

The product is relatively stable under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Inhalation

Inhalation of vapours may cause headaches or dizziness.

Skin

Irritating to the skin. Solvent may remove essential oils from the skin making it susceptible to attack from other chemicals.

11. TOXICOLOGICAL INFORMATION

Eyes

May cause mild irritation to the eyes.

Ingestion

Ingestion of large quantities may cause liver or kidney damage.

12. ECOLOGICAL INFORMATION

Keep away from drains and open waters.

Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

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

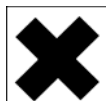
13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local and national regulations.

14. TRANSPORT INFORMATION

UN Number	1950
Air (IATA)	Aerosols, flammable, n.o.s., Class 2.1, flammable gas.
Sea (IMO)	Aerosol, Class 2, EmS F-D, S-U .
Road (ADR)/Rail (RID)	Aerosols, Class 2 Classification code: 5F

15. REGULATORY INFORMATION

**Contains
Labelling
Information****Extremely
flammable****Irritant****Dangerous
for the
Environment****R phrases**

R12 Extremely flammable.

R38 Irritating to skin.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67 Vapours may cause drowsiness and dizziness.

S phrases

S16 Keep away from sources of ignition - No Smoking.

S23 Do not breathe spray.

S28 After contact with skin, wash immediately with plenty of soap and water.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Voluntary Labelling

Pressurised container: protect from sunlight and do not expose to temperatures exceeding +50°C.

Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

16. OTHER INFORMATION

MSDS data revised 28 February 2003**Hazardous Components in Product for EC****Component Name**

Heptane

Hydrocarbon propellant

Poly(Oxypropylene) Diamine

R Phrases

R11, R38, R65,

R67, R50/53

R12

R34

Component NameR11
R12
R34
R38
R50/53R65
R67**R Phrases**R11 Highly flammable.
R12 Extremely flammable.
R34 Causes burns.
R38 Irritating to skin.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.

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Further Information may be obtained from:-

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