

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	0209001
Trade Name	Super Lube Oil with PTFE (Aerosol)
Manufacturer/Supplier	Henkel Loctite Adhesives Ltd.
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Nature	Lubricant			
Hazardous Components in Product for EC				
Component Name	CAS / EINEC	Concentration	R Phrases	Classification
CO2 Propellant	124-38-9 204-696-9	1.00 - 5.00		
N-Heptane	142-82-5 205-563-8	30.00 - 60.00	R11, R38, R65, R67, R50/53	F, Xn, N

3. HAZARD IDENTIFICATION

This product is highly flammable. Irritating to skin. Vapours may cause drowsiness and dizziness. 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 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. Do not induce vomiting. Seek medical advice.

5. FIRE FIGHTING MEASURES

This product is highly flammable having a flash point of <0°C. 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.

Aerosol containers may explode when exposed to high temperatures. Keep unaffected containers cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Contain spillage, and absorb onto an inert absorbent such as sand or multisorb and place in a sealed container for supervised disposal. Wash spillage site thoroughly with detergent and water.

7. HANDLING AND STORAGE

Handling

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.

Storage

Keep in a cool, well-ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits**CO2 Propellant**

ACGIH: STEL 3000ppm 15min TWA.

ACGIH: TLV 5000ppm 8h TWA.

HSA (2002).C.O.P.: OEL 5000 ppm,(9000 mg/m3) 8h TWA

HSA (2002).C.O.P.: OEL 15000 ppm,(27000 mg/m3) 15 min exposure limit.

N-Heptane

ACGIH: TLV 400ppm 8h TWA.

ACGIH: STEL 500ppm 15min TWA.

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

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

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. Use in well ventilated area. Safety glasses should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Aerosol.
Colour	White.
Odour	Characteristic.
pH	Not applicable.
Boiling Range/Point (°C)	No data.
Flash Point (CC) (°C)	< 0
Specific Gravity	Data not available.
Solubility in Water (kg/m³)	Insoluble.
Solubility in Acetone	Not listed.
Vapour Pressure (mmHg @25°C)	No data.
Explosion Limits (%)	No data.

10. STABILITY AND REACTIVITY

Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Inhalation

Inhalation of vapours may cause headaches or dizziness.

Skin

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

Eyes

May cause irritation to the eyes.

Ingestion

This product is considered to be of low toxicity having an acute oral LD50 (rat) >2000mg/kg by analogy to other similar products.

12. ECOLOGICAL INFORMATION

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
The product should not go into drains or surface water.




13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local and national regulations.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Contains	N-Heptane		
Labelling Information	 Highly flammable	 Irritant	 Dangerous for the Environment
R phrases	R11 Highly flammable. R38 Irritating to skin. R67 Vapours may cause drowsiness and dizziness. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.		
S phrases	S16 Keep away from sources of ignition - No Smoking. S23 Do not breathe vapour. S28 After contact with skin, wash immediately with plenty of soap and water. S51 Use only in well ventilated areas. 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 10 July 2003**Hazardous Components in Product for EC****Component Name**CO2 Propellant
N-Heptane**R Phrases**R11, R38, R65,
R67, R50/53

R11

R11 Highly flammable.

R38

R38 Irritating to skin.

R50/53

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

R65

R65 Harmful: may cause lung damage if swallowed.

R67

R67 Vapours may cause drowsiness and dizziness.

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