

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	0128535
Trade Name	Chisel (7200)
Manufacturer/Supplier	Henkel Loctite Adhesives Ltd.
Address	Watchmead, Welwyn Garden City, Herts., AL71JB. UK
Phone Number	01 707 358800
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Nature Solvent-based gasket remover

Hazardous Components in Product for EC

Component Name	CAS / EINEC	Concentration	R Phrases	Classification
Ethanol, Denatured	64-17-5	200-578- 5.00 - 10.00	R11	F
	6			
Methyl ethyl ketone	78-93-3	201- 1.00 - 3.00	R11, R36, R66, R67	Xi, F
Propane	74-98-6	200- 5.00 - 15.00	R12	F+
	827-9			
Dimethoxymethane	109-87-5	203- 30.00 - 60.00	R11	F
	714-2			
1,3-Dioxolane	646-06-0	211- 5.00 - 15.00	R11	F
	463-5			
Isopropanol	67-63-0	200- 5.00 - 10.00	R11, R36, R67	F, Xi
	661-7			
Ethanolamine	141-43-5	205- 1.00 - 3.00	R20, R36/37/38	Xn
	483-3			
Aliphatic hydrocarbon solvent	64742-48-9	265- 0.50 - 2.00	R10, R65, R66	Xn
	150-3			

3. HAZARD IDENTIFICATION

Extremely flammable.

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. The aerosol container is under pressure. Do not expose to high temperatures.

4. FIRST AID MEASURES

First Aid - Inhalation

Move to fresh air. If symptoms persist, seek medical advice.

First Aid - Skin

Remove contaminated clothing and wash skin with plenty of soap and water. 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

This product is extremely flammable. Keep unaffected containers cool with water spray. Aerosol containers may explode when exposed to high temperatures. 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.

Contain spillage, and absorb onto an inert absorbent such as sand or multisorb and place in a sealed container for supervised disposal.

7. HANDLING AND STORAGE

Handling

Use in a well ventilated area. Avoid sources of ignition - no smoking. Avoid contact with skin and eyes.

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**Ethanol, Denatured**

ACGIH: TLV 1000ppm 8h TWA.
HSA (2002).C.O.P.: OEL 1000 ppm,(1900 mg/m³) 8h
TWA

Methyl ethyl ketone

ACGIH: TLV 200ppm 8h TWA.
ACGIH : STEL 300 ppm
HSA (2002).C.O.P.: OEL 200 ppm,(600 mg/m³) 8h
TWA
HSA (2002).C.O.P.: OEL 300 ppm,(900 mg/m³) 15 min
exposure limit.

Dimethoxymethane

HSA (2002).C.O.P.: OEL 1000 ppm,(3100 mg/m³) 8h
TWA
HSA (2002).C.O.P.: OEL 1250 ppm,(3880 mg/m³) 15
min exposure limit.

Isopropanol

ACGIH: TLV 1000ppm 8h TWA.
HSA (2002).C.O.P.: OEL 400 ppm,(980 mg/m³) 8h
TWA
HSA (2002).C.O.P.: OEL 500 ppm,(1225 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. Avoid contact with skin and eyes. 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

Amber.

Odour

Alcoholic.

pH

10.6-11.0 @ 20°C

Boiling Range/Point (°C)

Not applicable for an aerosol

9. PHYSICAL AND CHEMICAL PROPERTIES

Flash Point (CC) (°C)	Not applicable for an aerosol
Specific Gravity	0.808g/cm ³ at 20 °C.
Solubility in Water (kg/m³)	Immiscible.
Solubility in Acetone	Miscible
Vapour Pressure (mmHg @25°C)	3.4 Bar at 20 °C.
Explosion Limits (%)	0.6 Vol% to 23.0 Vol%.

10. STABILITY AND REACTIVITY

The product is relatively stable under normal conditions of use. Avoid contact with strong acids and oxidizing agents. Avoid elevated temperatures.

11. TOXICOLOGICAL INFORMATION**Inhalation**

Inhalation of vapours may cause headaches or dizziness. Exposure to the solvent vapour should be minimised and the product should be used where adequate ventilation is available.

Skin

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

Eyes

Vapours may be irritating to eyes causing lachrymatory effect.

Ingestion

Ingestion of large quantities may cause liver or kidney damage.

12. ECOLOGICAL INFORMATION

Keep away from drains and open waters. 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. Contribution of this product to waste is very insignificant in comparison to article in which it is used.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

**Contains
Labelling
Information**



Extremely
flammable

R phrases

R12 Extremely flammable.

S phrases

S16 Keep away from sources of ignition - No Smoking.
S23 Do not breathe spray.

15. REGULATORY INFORMATION**Voluntary Labelling**

S51 Use only in well ventilated areas.
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**

16 May 2003

Hazardous Components in Product for EC**Component Name**Ethanol, Denatured
Methyl ethyl ketone

Propane

Dimethoxymethane

1,3-Dioxolane

Isopropanol

Ethanolamine

Aliphatic hydrocarbon solvent

R10

R11

R12

R20

R36

R36/37/38

R65

R66

R67

R Phrases

R11

R11, R36, R66,

R67

R12

R11

R11

R11, R36, R67

R20, R36/37/38

R10, R65, R66

R10 Flammable.

R11 Highly flammable.

R12 Extremely flammable.

R20 Harmful by inhalation.

R36 Irritating to eyes.

R36/37/38 Irritating to eyes, respiratory system and skin.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

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