

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	0209014
Trade Name	Varnistop Red 7400
Manufacturer/Supplier	Henkel Loctite Adhesives Ltd.
Address	Watchmead, Welwyn Garden City, Herts., AL71JB. UK
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Nature	Coating			
Hazardous Components in Product for EC				
Component Name	CAS / EINEC	Concentration	R Phrases	Classification
n-Butyl Acetate	123-86-4 204-658-1	15.00 - 30.00	R10	
Methyl isobutyl ketone	108-10-1 203-550-1	30.00 - 60.00	R11, R20, R36/37, R66	F, Xn
Cellulose Nitrate <12%N	9004-70-0	20.00 - 40.00	R11	F

3. HAZARD IDENTIFICATION

Highly flammable.
Harmful by inhalation. Irritating to eyes and respiratory system. Repeated exposure may cause skin dryness or cracking.

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 immediately with plenty of water for at least 15 minutes. Seek medical attention immediately.

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 16°C.
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. Eliminate sources of ignition. For large spills absorb onto inert absorbent material and place in sealed container for disposal.

7. HANDLING AND STORAGE

Handling

Use in well ventilated area. Avoid sources of ignition - no smoking. Prolonged or repeated skin contact should be avoided. Avoid contact with eyes.

Storage

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits**Methyl isobutyl ketone**

2002 ACGIH: TLV 50ppm (205mg/m³) 8h TWA.
2002 ACGIH: STEL 75ppm (307mg/m³) 15min TWA.
HSA (2002).C.O.P.: OEL 20 ppm,(83 mg/m³) 8h TWA
HSA (2002).C.O.P.: OEL 50 ppm,(208 mg/m³) 15 min
exposure limit.

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	Clear Red
Odour	Characteristic.
pH	No data.
Boiling Range/Point (°C)	Boils above 45.
Flash Point (CC) (°C)	16
Specific Gravity	0.993 at 25 °C.
Solubility in Water (kg/m³)	Insoluble.
Solubility in Acetone	Miscible
Vapour Pressure (mmHg @25°C)	Less than 5mBar at 20 °C.
Explosion Limits (%)	No data.

10. STABILITY AND REACTIVITY

The product is relatively stable under normal conditions of use. Non reactive to oxidising agents except for peroxides.

11. TOXICOLOGICAL INFORMATION

Inhalation

This product is harmful by inhalation.

Irritating to respiratory system. Inhalation of vapours may cause headaches or dizziness.

11. TOXICOLOGICAL INFORMATION

Skin

Irritating to the skin.

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.

Ingestion

May cause irritation to the digestive tract. Ingestion of large quantities may cause liver or kidney damage.

12. ECOLOGICAL INFORMATION

Keep away from drains and open waters.



13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local and national regulations.

14. TRANSPORT INFORMATION

UN Number	1245
Air (IATA)	Methyl isobutyl ketone solution Flammable liquid, n.o.s. Class 3, Pkg. Grp. II.
Sea (IMO)	Methyl isobutyl ketone solution Flammable liquid, n.o.s., Class 3, Pkg Grp II. EmS F-E, S-D.
Road (ADR)/Rail (RID)	Methyl isobutyl ketone solution Flammable liquid, n.o.s., Class 3, Pkg Grp II. Classification code: F1

15. REGULATORY INFORMATION

Contains	Methyl isobutyl ketone
Labelling Information	 Highly flammable  Harmful

R phrases	R11 Highly flammable. R20 Harmful by inhalation. R36/37 Irritating to eyes and respiratory system. R66 Repeated exposure may cause skin dryness or cracking.
S phrases	S16 Keep away from sources of ignition - No Smoking. S23 Do not breathe vapour. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37 Wear suitable gloves. S51 Use only in well ventilated areas.

Voluntary Labelling

16. OTHER INFORMATION

MSDS data revised	25 March 2003
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Hazardous Components in Product for EC**Component Name**n-Butyl Acetate
Methyl isobutyl ketone

Cellulose Nitrate <12%N

R10
R11
R20
R36/37
R66R10 Flammable.
R11 Highly flammable.
R20 Harmful by inhalation.
R36/37 Irritating to eyes and respiratory system.
R66 Repeated exposure may cause skin dryness or cracking.**R Phrases**R10
R11, R20, R36/37,
R66
R11

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