

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: 24657 DRAPER THREAD LOCK DTL222

APPLICATIONS: THREADLOCKER

SUPPLIER: Draper Tools Ltd  
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Chandlers Ford  
Eastleigh  
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Draper Helpline +44 (0) 2380 494344

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317
Environment	Not classified.

#### Classification (1999/45/EEC)

Xi; R36/38. R43.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### 2.2. Label elements

Contains 2-HYDROXYPROPYL METHACRYLATE

Label In Accordance With (EC) No. 1272/2008



Signal Word

Warning

Hazard Statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

Precautionary Statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313	Get medical advice/attention.
P501	Dispose of contents/container to ...

Supplementary Precautionary Statements

P272	Contaminated work clothing should not be allowed out of the workplace.
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**DTL222**

P261	Avoid breathing vapour/spray.
P264	Wash contaminated skin thoroughly after handling.
P321	Specific treatment (see medical advice on this label).
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P332+313	If skin irritation occurs: Get medical advice/attention.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.
P337	If eye irritation persists:
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.

**2.3. Other hazards**

None if used properly

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

<b>1-ACETYL-2-PHENYLHYDRAZINE</b>	<b>&lt; 1%</b>
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335	Classification (67/548/EEC) Xn;R22. Xi;R36/37/38. R43.
<b>2-HYDROXYPROPYL METHACRYLATE</b>	<b>10-30%</b>
<b>CAS-No.: 27813-02-1</b>	<b>EC No.:</b>
Classification (EC 1272/2008) Eye Irrit. 2 - H319 Skin Sens. 1 - H317	Classification (67/548/EEC) Xi;R36. R43.
<b>CUMENE</b>	<b>&lt; 1%</b>
<b>CAS-No.: 98-82-8</b>	<b>EC No.: 202-704-5</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 STOT SE 3 - H335 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) R10 Xn;R65 Xi;R37 N;R51/53
<b>CUMENE HYDROPEROXIDE</b>	<b>&lt; 1%</b>
<b>CAS-No.: 80-15-9</b>	<b>EC No.: 201-254-7</b>
Classification (EC 1272/2008) Org. Perox. E - H242 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 3 - H331 Skin Corr. 1B - H314 STOT SE 3 - H335 STOT RE 2 - H373 Aquatic Chronic 2 - H411	Classification (67/548/EEC) O;R7 T;R23 C;R34 Xn;R21/22,R48/20/22 N;R51/53

POLYETHYLENE GLYCOL 200 DIMETHACRYLATE		10-30%
CAS-No.:	EC No.:	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36/38.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### **Inhalation**

Should not be a problem as product is of low volatility. However, if feeling unwell remove patient to fresh air.

#### **Ingestion**

Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting Seek medical advice

#### **Skin contact**

Wash skin with soap and water. In case of adverse health effects seek medical advice

#### **Eye contact**

Rinse immediately with plenty of running water (for 10 minutes). Flush eyes with plenty of water for at least 5 minutes Seek medical attention if necessary Contact physician if irritation persists.

### 4.2. Most important symptoms and effects, both acute and delayed

#### **Inhalation.**

Irritation, coughing, shortness of breath, chest tightness

#### **Eye contact**

Irritation, conjunctivitis

### 4.3. Indication of any immediate medical attention and special treatment needed

See section: Description of first aid measures

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### **Extinguishing media**

Carbon dioxide, foam, powder

#### **Unsuitable extinguishing media**

Not known

### 5.2. Special hazards arising from the substance or mixture

#### **Hazardous combustion products**

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) can be released. In case of fire, keep containers cool with water spray

### 5.3. Advice for firefighters

#### **Special Fire Fighting Procedures**

Water spray should be used to cool containers.

#### **Protective equipment for fire-fighters**

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation.

### 6.2. Environmental precautions

Prevent entry into drains.

### 6.3. Methods and material for containment and cleaning up

For small spills wipe up with a paper towel and place in container for disposal For large spills absorb onto inert absorbant material and place in sealed container for disposal .

### 6.4. Reference to other sections

See advice in section 8

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Use only in well ventilated areas Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation Do not eat, drink or smoke when using the product. Wash hands before work breaks and after finishing work. Good industrial hygiene practices should be observed Gloves and safety glasses should be worn

### 7.2. Conditions for safe storage, including any incompatibilities

Ensure good ventilation/extraction Store in original containers at 8-21°C (46.4-69.8 °F) and do not return residual materials to containers as contamination may reduce shelf life of the bulk product

### 7.3. Specific end use(s)

Threadlocker

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
CUMENE	WEL	25 ppm(Sk)	125 mg/m3(Sk)	50 ppm(Sk)	250 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Respiratory equipment

Use only in well ventilated areas

#### Hand protection

Chemical-resistant protective gloves (EN 374) The glove material has to be impermeable and resistant to the product/substance/ the preparation. nitrile rubber (NBR;>=0.4mm thickness) Suitable materials for longer, direct contact (recommendation: protection index 6, corresponding to >480 minutes permeation time as per EN 374): nitrile rubber (NBR;>=0.4mm thickness) This information is based on literature references and on information provided by the glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

#### Eye protection

Wear approved safety goggles.

#### Skin protection

Wear apron or protective clothing in case of splashes.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Purple.
<b>Odour</b>	Characteristic.
<b>Solubility</b>	Slight Miscible with: Acetone
<b>Initial boiling point and boiling range</b>	>150 C
<b>Melting point (°C)</b>	No information available.
<b>Vapour density (air=1)</b>	No information available.
<b>Vapour pressure</b>	0, 1300000 mbar 25 C
<b>Evaporation rate</b>	No information available.
<b>pH-Value, Conc. Solution</b>	3, 00-6, 00
<b>Viscosity</b>	No information available.
<b>Decomposition temperature (°C)</b>	No information available.
<b>Odour Threshold, Lower</b>	No information available.

**Odour Threshold, Upper**

No information available.

**Flash point** >100 C**Auto Ignition Temperature (°C)**

No information available.

**Flammability Limit - Lower(%)**

No information available.

**Flammability Limit - Upper(%)**

No information available.

**Partition Coefficient****(N-Octanol/Water)**

Not available.

**Explosive properties**

No information available.

**Oxidising properties**

Not available.

**9.2. Other information**

No data available / Not applicable

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

Peroxides

**10.2. Chemical stability**

Stable under recommended storage conditions

**10.3. Possibility of hazardous reactions**

See section reactivity

**10.4. Conditions to avoid**

Stable

**10.5. Incompatible materials****Materials To Avoid**

None if used properly

**10.6. Hazardous decomposition products**

Oxides of: Carbon.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****Ingestion**

May cause irritation to the digestive tract Irritating to respiratory system

**Skin contact**

Although this is not a common sensitizer there may be a risk of sensitization on prolonged or repeated contact with damaged skin

**Eye contact**

Irritating to eyes.

**SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity**

Do not empty into drains / surface water / ground water

**12.1. Toxicity**

No Information available

**12.2. Persistence and degradability**

No further relevant information available

**12.3. Bioaccumulative potential****Bioaccumulative potential**

No data available on bioaccumulation.

**Partition coefficient**

Not available.

**12.4. Mobility in soil****Mobility:**

Cured adhesives are immobile

**12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

**12.6. Other adverse effects**

Not available.

**SECTION 13: DISPOSAL CONSIDERATIONS****General information**

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

**13.1. Waste treatment methods**

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 After use, tubes, cartons and bottles containing residue product should be disposed of as chemically contaminated waste in a authorised legal land fill site or incinerated Disposal must be made according to official regulations

**Waste Class**

08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances

**SECTION 14: TRANSPORT INFORMATION****14.1. UN number****14.2. UN proper shipping name****14.3. Transport hazard class(es)****14.4. Packing group****14.5. Environmental hazards****14.6. Special precautions for user****14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code****SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU Legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

**Health and Environmental Listings**

VOC content <3% (1999/12/EC)

**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION**

**Risk Phrases In Full**

R34	Causes burns.
R10	Flammable.
R22	Harmful if swallowed.
R21/22	Harmful in contact with skin and if swallowed.
R48/20/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R65	Harmful: may cause lung damage if swallowed.
R36/38	Irritating to eyes and skin.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R7	May cause fire.
R43	May cause sensitisation by skin contact.
R23	Toxic by inhalation.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Hazard Statements In Full**

H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H242	Heating may cause a fire.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H373	May cause damage to organs <<Organs>> through prolonged or repeated exposure.
H335	May cause respiratory irritation.
H331	Toxic if inhaled.
H411	Toxic to aquatic life with long lasting effects.