SAFETY DATA SHEET

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

PRODUCT NAME: 24659 DRAPER STUD LOCK DSL270

APPLICATIONS: ADHESIVE

SUPPLIER: Draper Tools Ltd
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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;STOT SE 3 - H335
Environment	Not classified.

Classification (1999/45/EEC) Xi;R36/37/38.

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

2.2. Label elements

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

Signal Word Warning

Hazard Statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Precautionary Statements

P271	Use only outdoors or in a well-ventilated area.
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

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.
	P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P312	Call a POISON CENTER or doctor/physician if you feel unwell.
	P332+313	If skin irritation occurs: Get medical advice/attention.
	P337	If eye irritation persists:
	P362	Take off contaminated clothing and wash before reuse.
	P403+233	Store in a well-ventilated place. Keep container tightly closed.
	P405	Store locked up.

Supplemental label information

EUH208	Contains 2-HYDROXYPROPYL METHACRYLATE. May produce an allergic reaction.

2.3. Other hazards

None if used properly

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

1,2,3,4-TETRAHYDROQUINOLINE **1-5%**

CAS-No.: 635-46-1 **EC No.: 211-237-6**

Classification (EC 1272/2008)	Classification (67/548/EEC)
Skin Irrit. 2 - H315	Xi;R36/37/38.
Eye Irrit. 2 - H319	
STOT SE 3 - H335	

2-HYDROXYPROPYL METHACRYLATE **< 1%**

CAS-No.: 27813-02-1 **EC No.:**

Classification (EC 1272/2008)	Classification (67/548/EEC)
Eye Irrit. 2 - H319	Xi;R36.
Skin Sens. 1 - H317	R43.

CUMENE **< 1%**

CAS-No.: 98-82-8 **EC No.: 202-704-5**

Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam. Liq. 3 - H226	R10
STOT SE 3 - H335	Xn;R65
Asp. Tox. 1 - H304	Xi;R37
Aquatic Chronic 2 - H411	N;R51/53

CUMENE HYDROPEROXIDE **1-5%**

CAS-No.: 80-15-9 **EC No.: 201-254-7**

Classification (EC 1272/2008)	Classification (67/548/EEC)
Org. Perox. E - H242	O;R7
Acute Tox. 4 - H302	T;R23
Acute Tox. 4 - H312	C;R34
Acute Tox. 3 - H331	Xn;R21/22,R48/20/22
Skin Corr. 1B - H314	N;R51/53
STOT SE 3 - H335	
STOT RE 2 - H373	
Aquatic Chronic 2 - H411	

POLYETHYLENE GLYCOL 200 DIMETHACRYLATE		60-100%
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

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

Ingestion

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

Skin contact

Rinse with running water and soap Seek medical advice

Eye contact

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if neccessary

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

Inhalation.

Irritation, coughing, shortness of breath, chest tightness

Skin contact

Redness, inflammation Rash, Urticaria

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 Fine water spray

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 (CO2) 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

Avoid contact with skin and eyes. 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

7.2. Conditions for safe storage, including any incompatibilities

Ensure good ventilation/extraction Store in a cool, well-ventilated place

7.3. Specific end use(s)

Adhesive

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) Suitable materials for short-term contact or splashes (recommended: at least protection index2, corresponding to >30 minutes permeation time as per EN 374): 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 chenical-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.

Other Protection

Protective work clothing

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Liquid

Colour Green.

Odour Characteristic.

Solubility Insoluble in water Soluble in: Acetone

Initial boiling point and boiling range > 65 C

Melting point (°C)

No information available.

Vapour density (air=1)

No information available.

Vapour pressure 2, 85 mbar 25 C

Evaporation rate

No information available.

pH-Value, Conc. Solution

No information available.

Viscosity

No information available.

Decomposition temperature (°C)

No information available.

Odour Threshold, Lower

No information available.

Odour Threshold, Upper

No information available.

Flash point 110 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

Carbon dioxide (CO_2).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Ingestion

May cause irritation to the digestive tract Irritating to respiratory system

Skin contact

Irritating to skin. May cause sensitization by skin contact

Eye contact

Irritating to eyes.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Do not empty into drains / surface water / ground water

12.1. Toxicity

No Information avaliable

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 known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Dispose of in accordance with local and national regulations

13.1. Waste treatment methods

Dispose of in accordance with local and national regulations Contribution of this product to waste is very insignificant in comparision 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.
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.