

SAFETY DATA SHEET

Product Name: D222 Thread Lock (24657)

Issue Date: 14/10/2024 Version: 2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

PRODUCT NAME: D222 Thread Lock (24657)
UFI: 1F10-G0E0-5000-NYEV
Identified uses: 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 hazards Not Classified
Health hazards Eye Irrit. 2 - H319 Skin Sens. 1 - H317
Environmental hazards Aquatic Chronic 4 - H413

2.2. Label elements

Hazard pictograms



Signal word

Hazard statements

Precautionary statements

Warning
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H413 May cause long lasting harmful effects to aquatic life.
P261 Avoid breathing vapour/ spray.
P264 Wash contaminated skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment (see medical advice on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/ container in accordance with national regulations.
Methacrylic acid, monoester with propane-1,2-diol, 2'-phenylacetohydrazide

Contains

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Esterification products of 4,4'-isopropylidenediphenol, ethoxylated and 2-methylprop-2-enoic acid		30-60%
CAS number: 41637-38-1	EC number: 609-946-4	REACH registration number: 01-2119980659-17-0000
Classification Aquatic Chronic 4 - H413		
Methacrylic acid, monoester with propane-1,2-diol		10-30%
CAS number: 27813-02-1	EC number: 248-666-3	REACH registration number: 01-2119490226-37-0000
Classification Eye Irrit. 2 - H319 Skin Sens. 1 - H317		
α,α-dimethylbenzyl hydroperoxide		1-5%
CAS number: 80-15-9	EC number: 201-254-7	REACH registration number: 01-2119475796-19-0000
Classification Org. Perox. E - H242 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 STOT RE 2 - H373 Aquatic Chronic 2 - H411		
2'-phenylacetohydrazide		<1%
CAS number: 114-83-0	EC number: 204-055-3	
Classification Acute Tox. 3 - H301 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335		

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if symptoms are severe or persist.

Ingestion

Do not induce vomiting. Give plenty of water to drink. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues. Remove contaminated clothing.

Eye contact

Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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

Skin contact May cause sensitisation by skin contact.

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

Specific treatments Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards In case of fire: Toxic gases or vapours.

Hazardous combustion products Oxides of the following substances: Carbon dioxide (CO₂). Nitrogen. Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting

Containers close to fire should be removed or cooled with water.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measure

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

Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions

Avoid discharge into drains or watercourses or onto the ground. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Use only in well-ventilated areas. Avoid contact with eyes and prolonged skin contact. Do not eat, drink or smoke when using this product. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store at temperatures not exceeding 38°C. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from sunlight. Do not use containers made of the following materials: Aluminium. Mild steel. Copper. Rusty Steel. Tin.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Eye/face protection

Wear eye protection.

Hand protection

Wear protective gloves made of the following material: Polyethylene. Neoprene. Nitrile rubber.

Do NOT use Polyvinyl chloride (PVC). Rubber (natural, latex).

Other skin and body protection

Wear apron or protective clothing in case of contact.

Hygiene measures

Provide eyewash station.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and chemical properties

Appearance	Liquid.
Colour	Purple.
Odour	Sweetish.
Odour threshold	No information available.
pH	Not applicable.
Melting point	Not applicable.
Initial boiling point and range	Not applicable.
Flash point	> 93°C
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not available.
Vapour density	Not applicable.
Relative density	1.1g/cm ³
Solubility(ies)	Miscible with the following materials: Organic solvents. Slightly soluble in water.
Partition coefficient	No information available.
Decomposition Temperature	No information available.
Viscosity	1200 cps @ °C
Explosive properties	No information available.
Oxidising properties	Not available.
9.2. Other information	
Other information	No information required.

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity Oxidising agents. Metal oxides.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Polymerises when heated.

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Oxidising agents.

10.6. Hazardous decomposition products**Hazardous decomposition products**

In case of fire gases can be released Carbon dioxide (CO₂).

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Toxicological effects	No information available.
Acute toxicity - oral	
ATE oral (mg/kg)	25,000.0
Acute toxicity - dermal	
ATE dermal (mg/kg)	110,000.0
Acute toxicity - inhalation	
ATE inhalation (vapours mg/l)	300.0
Inhalation	Irritation of nose, throat and airway.
Ingestion	The product is considered to be a low hazard under normal conditions of use.
Skin contact	Skin irritation should not occur when used as recommended.

SECTION 12: Ecological information

Ecotoxicity	There are no data on the ecotoxicity of this product.
12.1. Toxicity	
Ecotoxicity	
Toxicity	Do not empty into drains/surface water/ground water
12.2. Persistence and degradability	
Persistence and degradability	The product is biodegradable.
12.3. Bioaccumulative potential	
Bioaccumulative potential	Low
Partition coefficient	No information available.
12.4. Mobility in soil	
Mobility	The product has poor water-solubility.
12.5. Results of PBT and vPvB assessment	
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
12.6. Other adverse effects	
Other adverse effects	Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Dispose of waste product or used containers in accordance with local regulations

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

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, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling 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.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Hazard statements in full

H242 Heating may cause a fire.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

PRECAUTIONS:

This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

*** End of MSDS ***