

Safety Data Sheet

Thread locking 20 ml

Replaces date: 15/11/2022

Revision date: 14/02/2023

Version: 1.2.0

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

1.1. Product identifier

Trade name: Thread locking 20 ml

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Glue/adhesive

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Kramp UK Ltd
Address: Unit 5
Lancaster Way
Zip code: SG18 8YL
City: Biggleswade
Country: UNITED KINGDOM
E-mail: sales.uk@kramp.com
Phone: +44(0)1767 602 600

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24)).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.**Most serious harmful effects:** May cause slight irritation to the skin and eyes. Contains Tert-pentylhydroperoxide. May produce an allergic reaction.

2.2. Label elements

Supplemental information

EUH210 Safety data sheet available on request.

EUH208 Contains Tert-pentylhydroperoxide. May produce an allergic reaction.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.
Endocrine disrupting properties: None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
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Tert-pentylhydroperoxide	3425-61-4 222-321-7 01-2119964027-36-xxxx	< 1 %	Flam. Liq. 3;H226 Org. Perox. A;H240 Acute Tox. 4;H302 Acute Tox. 3;H311/331 Skin Corr. 1B;H314 Skin Sens. 1;H317 Eye Dam. 1;H318 Aquatic Chronic 2;H411
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Please see section 16 for the full text of H- / EUH-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin contact:	Remove contaminated clothing. Wash the skin with water. Seek medical advice in case of persistent discomfort.
Eye contact:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
General:	When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes. The product contains small amounts of Tert-pentylhydroperoxide. Persons with a known allergy may exhibit an allergic response to the product.

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

No special immediate treatment required. Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock.
Unsuitable extinguishing media:	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

5.3. Advice for firefighters

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Stop leak if this can be done without risk. Wear safety goggles if there is a risk of eye splash. Provide good ventilation. In case of insufficient ventilation, wear respiratory protective equipment.
For emergency responders:	In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

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6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a damp cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use the product under well-ventilated conditions. Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Keep in tightly closed original packaging. Do not expose to heat (e.g. sunlight). Do not store with the following: Acids/ Strong oxidisers/ Reducing agents.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements

Legal basis: EH40/2005 Workplace exposure limits. Last amended January 2020.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.

Personal protective equipment, hand protection: Plastic or rubber gloves recommended.

Personal protective equipment, respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	Blue
Odour	Characteristic

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Solubility	Solubility in water: Insoluble	
Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Flash Point	> 100 °C	
Auto-ignition temperature		Not spontaneously flammable
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	~ 2500 mPas	25 °C
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	1,1 g/cm ³	
Relative density	No data	
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Acids/ Strong oxidisers/ Reducing agents.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight).

10.5. Incompatible materials

Strong oxidisers. Acids/ Strong oxidisers/ Reducing agents.

10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released. The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - oral

Tert-pentylhydroperoxide, cas-no 3425-61-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		582 mg/kg			

Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - dermal

Tert-pentylhydroperoxide, cas-no 3425-61-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		446 mg/kg			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - inhalation

Tert-pentylhydroperoxide, cas-no 3425-61-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 (vapour)		2425 mg/l			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Skin corrosion/irritation:

May irritate the skin - may cause reddening. The product does not have to be classified. Test data are not available.

Serious eye damage/eye irritation:

May cause eye irritation. The product does not have to be classified. Test data are not available.

Respiratory sensitisation or skin sensitisation:

The product does not have to be classified. Test data are not available. The product contains small amounts of Tert-pentylhydroperoxide. Persons with a known allergy may exhibit an allergic response to the product.

Germ cell mutagenicity:

The product does not have to be classified. Test data are not available.

Carcinogenic properties:

The product does not have to be classified. Test data are not available.

Reproductive toxicity

Tert-pentylhydroperoxide, cas-no 3425-61-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat			100 mg/kg			

The product does not have to be classified. Test data are not available.

Single STOT exposure:

The product does not have to be classified. Test data are not available.

Repeated STOT exposure:

The product does not have to be classified. Test data are not available.

Aspiration hazard:

The product does not have to be classified. Test data are not available.

11.2. Information on other hazards

Endocrine disrupting properties:

None known.

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Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

Tert-pentylhydroperoxide, cas-no 3425-61-4

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Crustacea	Daphnia magna	48 h	48hEC50	6.7 mg/l			
Algae	Pseudokirchneriella subcapitata	72 h	72hEC50	1.2 mg/l			
Bacteria	Name of species not specified	3 h	EC50	138 mg/l			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. The product contains small quantities of environmentally hazardous substances.

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste (Dir. 2008/98/EU). Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements. Empty, cleansed packaging should be disposed of for recycling. Uncleansed packaging is to be disposed of via the local waste-removal scheme.

Category of waste:

EWC code: Depends on line of business and use, for instance 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

Absorbent/cloth contaminated with the product: EWC code: 15 02 03 Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02.

SECTION 14: Transport information

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14.1. UN number or ID number: Not applicable.**14.4. Packing group:**

Not applicable.

14.2. UN proper shipping name: Not applicable.**14.5. Environmental hazards:**

Not applicable.

14.3. Transport hazard class(es): Not applicable.**14.6. Special precautions for user**

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Special Provisions:** None.**15.2. Chemical Safety Assessment****Other Information:** Chemical safety assessment has not been performed.**SECTION 16: Other information****Version history and indication of changes**

Version	Revision date	Responsible	Changes
1.2.0	14/02/2023	Bureau Veritas HSE / SJU	1,16

Abbreviations:

PBT: Persistent, Bioaccumulative and Toxic
STOT: Specific Target Organ Toxicity
vPvB: Very Persistent and Very Bioaccumulative

Other Information:

This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

Training advice:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

Classification method:

Calculation based on the hazards of the known components.

List of relevant H-statements

H226	Flammable liquid and vapour.
H240	Heating may cause an explosion.
H302	Harmful if swallowed.
H311/331	Toxic in contact with skin or if inhaled.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.

List of relevant EUH-statements

EUH208	Contains Tert-pentylhydroperoxide. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

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