



## SAFETY DATA SHEET THREAD LOCK

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

#### 1.1. Product identifier

Product name                      THREAD LOCK  
Product No.                        PBA003

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

#### 1.3. Details of the supplier of the safety data sheet

Supplier                            TETROSYL LIMITED  
                                        Bury  
                                        Lancashire  
                                        England  
                                        BL9 7NY  
                                        0161 764 5981  
                                        0161 797 5899  
                                        info@tetrosyl.com

#### 1.4. Emergency telephone number

### 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; STOT SE 3 - H335
Environment	Aquatic Acute 1 - H400; Aquatic Chronic 2 - H411

Classification (1999/45/EEC)   Xn;R20/21/22. Xi;R37/38, R41. R43. N;R50/53.

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

Human health

See section 11 for additional information on health hazards.

#### 2.2. Label elements

Contains                            CUMENE HYDROPEROXIDE  
                                        HYDROXYALKYL METHACRYLATE  
                                        POLYGLYCOL DIMETHACRYLATE

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

**THREAD LOCK**

## Signal Word

Warning

## Hazard Statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

## Precautionary Statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P261	Avoid breathing vapour/spray.
P264	Wash contaminated skin thoroughly after handling.
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.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P332+313	If skin irritation occurs: Get medical advice/attention.
P337+313	If eye irritation persists: Get medical advice/attention.
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container in accordance with local regulations.

## Supplementary Precautionary Statements

P272	Contaminated work clothing should not be allowed out of the workplace.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P321	Specific treatment (see medical advice on this label).
P405	Store locked up.

**2.3. Other hazards****SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

## THREAD LOCK

1-ACETYL-2-PHENYLHYDRAZINE		0.5 - < 1.0%
CAS-No.: 114-83-0	EC No.:	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R20/21/22. Carc. Cat. 3;R40. Xi;R36/37/38. R43.	
ACRYLIC ACID		0.5 - < 1.0%
CAS-No.: 79-10-7	EC No.: 201-177-9	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Corr. 1A - H314 STOT SE 3 - H335 Aquatic Acute 1 - H400	Classification (67/548/EEC) R10 C;R35 Xn;R20/21/22 N;R50	
BIS(ISOPROPYL)NAPHTHALENE		25.0 - <50.0%
CAS-No.: 38640-62-9	EC No.: 254-052-6	
Classification (EC 1272/2008) Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	Classification (67/548/EEC) N;R50/53.	
BUTYLATED HYDROXYTOLUENE		0.5 - < 1.0%
CAS-No.: 128-37-0	EC No.: 204-881-4	
Classification (EC 1272/2008) Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) N;R50/53.	
CUMENE HYDROPEROXIDE		5.0 - <10.0%
CAS-No.: 80-15-9	EC No.: 201-254-7	

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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	

HYDROXYALKYL METHACRYLATE 5.0 - <10.0%

CAS-No.: 27813-02-1 EC No.: 248-666-3

Classification (EC 1272/2008)	Classification (67/548/EEC)
Eye Irrit. 2 - H319	Xi;R36.
Skin Sens. 1 - H317	R43.
STOT SE 3 - H335	

N,N-DIMETHYL-PARA-TOLUIDINE 0.5 - < 1.0%

CAS-No.: 99-97-8 EC No.: 202-805-4

Classification (EC 1272/2008)	Classification (67/548/EEC)
Acute Tox. 3 - H301	T;R23/24/25
Acute Tox. 3 - H311	R33
Acute Tox. 3 - H331	R52/53
STOT RE 2 - H373	
Aquatic Chronic 3 - H412	

POLYGLYCOL DIMETHACRYLATE 25.0 - <50.0%

CAS-No.: 109-16-0 EC No.: 203-652-6

Classification (EC 1272/2008)	Classification (67/548/EEC)
Skin Sens. 1 - H317	Xi;R36/37/38.
	R43.

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

General information

Remove affected person from source of contamination. Get medical attention immediately!

Inhalation

Move injured person into fresh air immediately. Call an ambulance. Be aware that symptoms of lung oedema (shortness of breath) may develop up to 24 hours after exposure. Bring these instructions. Place unconscious person on the side in the recovery position and ensure breathing can take place.

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### Ingestion

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Consult a physician for specific advice. Burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

### Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Immediately transport to hospital or eye specialist.

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

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

### **SECTION 5: FIREFIGHTING MEASURES**

#### **5.1. Extinguishing media**

##### Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

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

##### Specific hazards

In case of fire, toxic and corrosive gases may be formed.

#### **5.3. Advice for firefighters**

##### Special Fire Fighting Procedures

Beware, risk of formation of toxic and corrosive gases.

Protective equipment for fire-fighters

Leave danger zone immediately.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Wear protective clothing as described in Section 8 of this safety data sheet. In case of spills, beware of slippery floors and surfaces.

#### **6.2. Environmental precautions**

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

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

For waste disposal, see section 13. When dealing with a spillage, please consult the section relating to suitable protective measures. Absorb spillage with non-combustible, absorbent material. Ventilate well. Prevent discharge of larger quantity to drain.

#### **6.4. Reference to other sections**

### **SECTION 7: HANDLING AND STORAGE**

#### **7.1. Precautions for safe handling**

Read and follow manufacturer's recommendations. Always remove grease with soap and water or skin cleaning agent, never use organic solvents. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product.

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

Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place.

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

### 8.2. Exposure controls

Protective equipment



Process conditions

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

Wear suitable respiratory protection. Check that mask fits tight and change filter regularly.

Hand protection

The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Protection against this substance requires special consideration.

Eye protection

Wear tight-fitting goggles or face shield.

Other Protection

Provide eyewash station. AVOID ALL SKIN AND RESPIRATORY CONTACT!

Hygiene measures

Wash contaminated clothing before reuse. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Skin protection

Protection suit must be worn.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Viscous liquid.
Colour	Yellow. to Amber.
Odour	Characteristic.
Solubility	Miscible with: Organic solvents
Initial boiling point and boiling range (°C)	N/A
Melting point (°C)	N/A
Relative density	1.08
pH-Value, Conc. Solution	4-6
Flash point (°C)	>100

### 9.2. Other information

**THREAD LOCK****SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity****10.2. Chemical stability**

No particular stability concerns.

**10.3. Possibility of hazardous reactions****10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition.

**10.5. Incompatible materials****10.6. Hazardous decomposition products****SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

Toxic Dose 1 - LD 50  
3000-10000 mg/kg (oral rat)

**Health Warnings**

This chemical can be hazardous when inhaled and/or touched. This chemical may cause skin/eye irritation and burns (corrosive). May cause severe internal injury. Vapour from this chemical can be hazardous when inhaled.

**Route of entry**

Inhalation. Ingestion. Skin and/or eye contact. Skin absorption.

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

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

**12.1. Toxicity****12.2. Persistence and degradability****Degradability**

The product is expected to be slowly biodegradable.

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

The product does not contain any substances expected to be bioaccumulating.

**12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects****SECTION 13: DISPOSAL CONSIDERATIONS****General information**

When handling waste, consideration should be made to the safety precautions applying to handling of the product. Only experts should be permitted to carry out disposal of this material.

**THREAD LOCK****13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

**SECTION 14: TRANSPORT INFORMATION**

General Full protective clothing should be worn when handling this product.

**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.

**15.2. Chemical Safety Assessment****SECTION 16: OTHER INFORMATION**

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision Date	14/05/2015
Revision	2
Supersedes date	30/05/2007 v1



**THREAD LOCK****Risk Phrases In Full**

R34	Causes burns.
R35	Causes severe burns.
R33	Danger of cumulative effects.
R10	Flammable
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R21/22	Harmful in contact with skin and if swallowed.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R48/20/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36	Irritating to eyes.
R37/38	Irritating to respiratory system and skin.
R37	Irritating to respiratory system.
R40	Limited evidence of a carcinogenic effect.
R7	May cause fire.
R43	May cause sensitisation by skin contact.
R41	Risk of serious damage to eyes.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R23	Toxic by inhalation.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50	Very toxic to aquatic organisms.

**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.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H412	Harmful to aquatic life with long lasting effects.
H242	Heating may cause a fire.
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.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H411	Toxic to aquatic life with long lasting effects.
H410	Very toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.

**Disclaimer**

The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.