

**SAFETY DATA SHEET**

T70 THREADLOCKER

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Compilation date: 14/09/2016

Revision No: 1

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** T70 THREADLOCKER**Product code:** RS908-2767/2783**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** Anaerobic adhesive.**1.3. Details of the supplier of the safety data sheet****Company name:** RS Components Ltd

Birchington Road

Corby

Northamptonshire

NN17 9RS

England

**Tel:** +44 (0) 1536 402888**Fax:** +44 (0) 1536 401588**Email:** [technical.help@rs-components.com](mailto:technical.help@rs-components.com)**1.4. Emergency telephone number****Emergency tel:** +44 (0) 1536 402888 (8am to 8pm)**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** STOT SE 3: H335; Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; -: EUH208**Most important adverse effects:** Contains 1-acetyl-2-phenylhydrazine. May produce an allergic reaction. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.**2.2. Label elements****Label elements:****Hazard statements:** EUH208: Contains 1-acetyl-2-phenylhydrazine. May produce an allergic reaction.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H412: Harmful to aquatic life with long lasting effects.

**Hazard pictograms:** GHS07: Exclamation mark

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**Signal words:** Warning

**Precautionary statements:** P261: Avoid breathing vapours.  
 P264: Wash contaminated skin thoroughly after handling.  
 P271: Use only outdoors or in a well-ventilated area.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+352: IF ON SKIN: Wash with plenty of water/.  
 P304+340: IF INHALED: Remove person to fresh air and keep 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/doctor//if you feel unwell.  
 P321: Specific treatment (see information on this label).  
 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 to comply with Local, National and International regulations.

**2.3. Other hazards****PBT:** This product is not identified as a PBT/vPvB substance.**Section 3: Composition/information on ingredients****3.2. Mixtures****Hazardous ingredients:**

## POLYGLYCOL DIMETHACRYLATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-652-6	109-16-0	-	Skin Sens. 1: H317	50-70%

## HYDROXYALKYL METHACRYLATE

248-666-3	27813-02-1	-	STOT SE 3: H335; Eye Irrit. 2: H319; Skin Sens. 1: H317	1-10%
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## ACRYLIC ACID

201-177-9	79-10-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1A: H314; Aquatic Acute 1: H400	1-10%
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## CUMENE HYDROPEROXIDE

201-254-7	80-15-9	-	Org. Perox. EF: H242; Acute Tox. 3: H331; Acute Tox. 4: H312; Acute Tox. 4: H302; STOT RE 2: H373; Skin Corr. 1B: H314	1-10%
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## 1-ACETYL-2-PHENYLHYDRAZINE

204-055-3	114-83-0	-	Acute Tox. 3: H301+311; Skin Irrit. 2: H315; STOT SE 3: H335; Aquatic Chronic 1: H410; Eye Irrit. 2: H319; Skin Sens. 1B: H317	<1%
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## N,N-DIMETHYL-P-TOLUIDINE

202-805-4	99-97-8	-	Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT RE 2: H373; Aquatic Chronic 3: H412	<1%
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## Section 4: First aid measures

## 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

## 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** In combustion emits toxic fumes.

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**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage****7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection****8.1. Control parameters**

**Hazardous ingredients:**

**ACRYLIC ACID**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	30 mg/m <sup>3</sup>	60 mg/m <sup>3</sup>	-	-

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## DNEL/PNEC Values

DNEL / PNEC No data available.

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.**Hand protection:** Protective gloves.**Eye protection:** Safety glasses. Ensure eye bath is to hand.**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

**State:** Liquid**Colour:** Green**Odour:** Barely perceptible odour**Evaporation rate:** Negligible**Oxidising:** No data available.**Solubility in water:** Insoluble**Viscosity:** No data available.**Boiling point/range°C:** >35**Melting point/range°C:** Not applicable.**Flammability limits %: lower:** No data available.**upper:** No data available.**Flash point°C:** >93**Part.coeff. n-octanol/water:** No data available.**Autoflammability°C:** No data available.**Vapour pressure:** <=666.6Pa**Relative density:** 1.04**pH:** Not applicable.**VOC g/l:** <5

## 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

## 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

## 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

## 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Light.

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## 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

## 10.6. Hazardous decomposition products

**Haz. decomp. products:** None known when used as recommended.

## Section 11: Toxicological information

## 11.1. Information on toxicological effects

## Hazardous ingredients:

## ACRYLIC ACID

IPR	RAT	LD50	22	mg/kg
ORL	MUS	LD50	830	mg/kg
ORL	RAT	LD50	1250	mg/kg
SCU	MUS	LD50	1590	mg/kg

## CUMENE HYDROPEROXIDE

ORL	MUS	LDLO	5	gm/kg
ORL	RAT	LD50	382	mg/kg
SCU	RAT	LD50	382	mg/kg

## N,N-DIMETHYL-P-TOLUIDINE

IPR	MUS	LD50	212	mg/kg
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## Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

## Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

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**12.1. Toxicity****Ecotoxicity values:** No data available.**12.2. Persistence and degradability****Persistence and degradability:** Biodegradable.**12.3. Bioaccumulative potential****Bioaccumulative potential:** No bioaccumulation potential.**12.4. Mobility in soil****Mobility:** Readily absorbed into soil.**12.5. Results of PBT and vPvB assessment****PBT identification:** This product is not identified as a PBT/vPvB substance.**12.6. Other adverse effects****Other adverse effects:** Negligible ecotoxicity.**Section 13: Disposal considerations****13.1. Waste treatment methods****Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**Section 14: Transport information****Transport class:** This product does not require a classification for transport.**Section 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical Safety Assessment****Section 16: Other information****Other information****Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H242: Heating may cause a fire.

H301: Toxic if swallowed.

H301+311: Toxic if swallowed or in contact with skin.

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H302: Harmful if swallowed.

H311: Toxic in contact with skin.

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.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.