

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Thread Locking Compound medium strength**

Revision date: 17.12.2019

Product code: 12-42

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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

Adhesives, sealants

**Uses advised against**

Reserved for industrial and professional use.

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

Company name: ITW LLC & Co. KG  
Street: Mühlackerstrasse 149  
Place: D-75417 Mühlacker  
Telephone: ++49(0)7041-96340 Telefax: ++49(0)7041-963429  
e-mail: info@itwcp.de  
Internet: www.itwcp.de  
Responsible Department: Produktsicherheit Mo. - Do. 8.00 - 16.30 Fr. 8.00 - 14.00  
Swiss Toxicological Information Centre - Téléphone : +41 44 251 51 51 (in Switzerland dial 145)  
United Kingdom : National Poisons Information Service - Phone number : 8448920111  
Österreich : Vergiftungsinformationszentrale Vienna - Telefon-Nummer : +43 1 406 43 43  
Schweiz : Tox Info Suisse - Telefon-Nummer : +41 44 251 51 51  
Italia : Centro Antiveleeni, Roma - Numero di telefono : +39 06 305 4343  
España : Instituto Nacional de Toxicología - Teléfono : +34 91 562 04 20  
Deutschland: ++49(0)7041-96340

**1.4. Emergency telephone number:****SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Harmful to aquatic life with long lasting effects.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P501 Dispose of contents/container to Dispose of this material and its container to hazardous or special waste collection point..

P273 Avoid release to the environment.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Adhesives, sealants

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**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
80-15-9	alpha,alpha-dimethylbenzyl hydroperoxide; cumene hydroperoxide			<1%
	201-254-7	617-002-00-8		
	Org. Perox. E, Acute Tox. 3, Acute Tox. 4, Acute Tox. 4, STOT RE 2, Skin Corr. 1B, Aquatic Chronic 2; H242 H331 H312 H302 H373 ** H314 H411			
98-82-8	cumene			<0,3 %
	202-704-5	601-024-00-X		
	Flam. Liq. 3, Asp. Tox. 1, STOT SE 3, Aquatic Chronic 2; H226 H304 H335 H411			
128-37-0	Butylated hydroxytoluene (BHT)			<1%
	Aquatic Acute 1, Aquatic Chronic 1; H400 H410			

Full text of H and EUH statements: see section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Take off contaminated clothing.

**After inhalation**

Provide fresh air.

**After contact with skin**

After contact with skin, wash immediately with: Water. Change contaminated clothing. After contact with skin, wash immediately with plenty of water and soap.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion**

If swallowed, immediately drink: Water. Rinse mouth immediately and drink plenty of water. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**Carbon dioxide (CO<sub>2</sub>). Foam. Extinguishing powder.**Unsuitable extinguishing media**

Water with tenside additive. Water.

**5.2. Special hazards arising from the substance or mixture**In case of fire may be liberated: Nitrogen oxides (NO<sub>x</sub>). Carbon monoxide Carbon dioxide (CO<sub>2</sub>).**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

**SECTION 6: Accidental release measures**

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

Remove all sources of ignition. Provide adequate ventilation. Wear a self-contained breathing apparatus and chemical protective clothing.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into surface water or drains.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

##### Advice on protection against fire and explosion

No special fire protection measures are necessary.

##### Further information on handling

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

##### Requirements for storage rooms and vessels

Keep container tightly closed. Keep/Store only in original container.

##### Hints on joint storage

Information about storage in one common storage facility: no restriction.

##### Further information on storage conditions

Keep container tightly closed. Keep in a cool, well-ventilated place. storage temperature: 10-20°C

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
128-37-0	2,6-Di-tert-butyl-p-cresol	-	10		TWA (8 h)	WEL
98-82-8	Cumene	25	125		TWA (8 h)	WEL
		50	250		STEL (15 min)	WEL

##### Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

#### 8.2. Exposure controls



##### Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink. No special precautionary measures are necessary.

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**Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

DIN EN 374 Tested protective gloves are to be worn: Butyl rubber. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**Respiratory protection**

No special precautionary measures are necessary.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	blue
Odour:	odourless

**Changes in the physical state**

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Flash point:	> 100 °C

**Explosive properties**

not explosive.

Density (at 25 °C):	1,12 g/cm <sup>3</sup>
Water solubility:	Immiscible
Viscosity / dynamic: (at 25 °C)	1500-3000 mPa·s

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

No data available

**10.2. Chemical stability**

Product is stable in the test system throughout the duration of the test.

**10.3. Possibility of hazardous reactions**

No data available

**10.4. Conditions to avoid**

No data available

**10.5. Incompatible materials**

No data available

**10.6. Hazardous decomposition products**

No data available

**Further information**

No data available

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



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**Acute toxicity**

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
80-15-9	alpha,alpha-dimethylbenzyl hydroperoxide; cumene hydroperoxide					
	oral	LD50 mg/kg	382	Rat	IUCLID	
	dermal	LD50 mg/kg	500	Rat	RTECS	
	inhalation (4 h) vapour	LC50	1,4 mg/l	Rat	IUCLID	
	inhalation aerosol	ATE	0,5 mg/l			
98-82-8	cumene					
	dermal	LD50 mg/kg	12300	Rabbit	IUCLID	
	inhalation (4 h) vapour	LC50	39 mg/l	Rat	RTECS	

**Irritation and corrosivity**

mild irritant.

**Sensitising effects**

not sensitising.

**Carcinogenic/mutagenic/toxic effects for reproduction**

No data available

**STOT-repeated exposure**

No data available

**Specific effects in experiment on an animal**

No data available

**Additional information on tests**

The preparation is not dangerous in the sense of Directive 1999/45/EC.

**Practical experience****Observations relevant to classification**

No data available

**SECTION 12: Ecological information****12.1. Toxicity**

No data available

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
98-82-8	cumene					
	Acute fish toxicity	LC50	2,7 mg/l	96 h	Leuciscus idus	
	Acute algae toxicity	ErC50	2,6 mg/l	72 h	Selenastrum capricornutum	

**12.2. Persistence and degradability**

No data available

**12.3. Bioaccumulative potential**

No data available

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**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
98-82-8	cumene	3,66

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

No data available

**12.6. Other adverse effects**

No data available

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**Waste disposal number of waste from residues/unused products**

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

**Waste disposal number of contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

**Contaminated packaging**

Water (with cleaning agent). Completely emptied packages can be recycled.

**SECTION 14: Transport information****Land transport (ADR/RID)****Other applicable information (land transport)**

Not restricted

**Inland waterways transport (ADN)****Other applicable information (inland waterways transport)**

Not restricted

**Marine transport (IMDG)****Other applicable information (marine transport)**

Not restricted

**Air transport (ICAO-TI/IATA-DGR)****Other applicable information (air transport)**

Not restricted

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): 2 - clearly water contaminating

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**SECTION 16: Other information****Relevant H and EUH statements (number and full text)**

H226	Flammable liquid and vapour.
H242	Heating may cause a fire.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*