



# Threadlock T142

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 30/01/2015

Revision date: 14/09/2015

Supersedes: 30/01/2015

Version: 1.1

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

#### 1.1. Product identifier

Product form : Mixture  
Article number : 97001  
Product code : 97001

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

##### 1.2.1. Relevant identified uses

Function or use category : Adhesives, binding agents

##### 1.2.2. Uses advised against

No additional information available

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

BARDAHL NL - OCD NEDERLAND BV  
Maxwellstraat 41  
3316 GP Dordrecht - Nederland  
T 0031 78 651 2322 - F 0031 78 617 4848  
[rjonker@bardahl.nl](mailto:rjonker@bardahl.nl) - [www.bardahl.nl](http://www.bardahl.nl)

#### 1.4. Emergency telephone number

Emergency number : +31 (0) 6 2908 2010  
During office hours: 8.30 t/m 17:00 h

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 +353 1 809 2166 (public, 8am - 10pm, 7/7)	

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412  
Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word (CLP) : -  
Hazardous ingredients :  $\alpha,\alpha$ -dimethylbenzyl hydroperoxide, cumene hydroperoxide; Isopropylbenzene  
Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects  
Precautionary statements (CLP) : P273 - Avoid release to the environment  
P501 - Dispose of contents/container in accordance with local regulations

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

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### 3.2. Mixture

Regulation 648/2004 / EC concerning detergents : Adhesives, sealants

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2,6-di-tert-butyl-p-cresol	(CAS No) 128-37-0 (EC no) 204-881-4 (REACH-no) 1-2119565113-46	0.3 - 1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
$\alpha,\alpha$ -dimethylbenzyl hydroperoxide, cumene hydroperoxide	(CAS No) 80-15-9 (EC no) 201-254-7 (EC index no) 617-002-00-8	0.3 - 1	Org. Perox. E, H242 Acute Tox. 3 (Inhalation), H331 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 STOT RE 2, H373 Skin Corr. 1B, H314 Aquatic Chronic 2, H411
Isopropylbenzene	(CAS No) 98-82-8 (EC no) 202-704-5 (EC index no) 601-024-00-X	0.1 - 0.3	Flam. Liq. 3, H226 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits
$\alpha,\alpha$ -dimethylbenzyl hydroperoxide, cumene hydroperoxide	(CAS No) 80-15-9 (EC no) 201-254-7 (EC index no) 617-002-00-8	(C < 10) STOT SE 3, H335 (1 =<C < 3) Eye Irrit. 2, H319 (3 =<C < 10) Eye Dam. 1, H318 (3 =<C < 10) Skin Irrit. 2, H315 (C >= 10) Skin Corr. 1B, H314

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Remove/Take off immediately all contaminated clothing.

First-aid measures after inhalation : Allow breathing of fresh air. Keep the victim warm. Call a poison center or a doctor if you feel unwell. When unconsciousness transport in a recovery position. If breathing is irregular or stopped, administer artificial respiration.

First-aid measures after skin contact : Wash skin thoroughly with mild soap and water.

First-aid measures after eye contact : Rinse immediately with plenty of water. Seek medical advice.

First-aid measures after ingestion : Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If swallowed seek medical advice immediately and show this container or label.

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

No additional information available

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Use fire extinguishing methods suitable to surrounding conditions.

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

Fire hazard : High temperature may liberate toxic gases.

Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide. Nitrogen oxides. Under certain fire conditions, traces of other toxic gases cannot be excluded.

### 5.3. Advice for firefighters

Precautionary measures fire : Do not breathe gas/vapour/aerosol.

Firefighting instructions : Use water spray or fog for cooling exposed containers.

Protection during firefighting : Use self-contained breathing apparatus.

Other information : Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## SECTION 6: Accidental release measures

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

General measures : Avoid contact with skin and eyes.

#### 6.1.1. For non-emergency personnel

No additional information available

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### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Dispose in a safe manner in accordance with local/national regulations.

### 6.4. Reference to other sections

See Headings 7 and 8. See Heading 10. See Heading 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : No special measures are required if used and stored according to specifications.

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

Storage conditions : Store in original container. Store in dry, cool, well-ventilated area.  
Incompatible materials : heat. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Additional information : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

### 8.2. Exposure controls

Hand protection : Wear suitable gloves resistant to chemical penetration. Selection of the glove material on consideration of the penetration times, permeability and degradation. Penetration time of glove material:  $\geq 480$  min (Latex). Latex gloves. Penetration time of glove material:  $\geq 240$  min (Nitril). Wear gloves to EN374 resistant to the solvent(s) in use. Gloves material: Nitrile. Refer to manufacturer's information

Eye protection : Avoid contact with eyes

Other information : The usual precautionary measures are to be adhered to when handling chemicals. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Colour : Blue.  
Odour : mild.  
Odour threshold : No data available  
pH : No data available  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : No data available  
Flash point :  $> 100$  °C  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : No data available  
Vapour pressure : No data available  
Relative vapour density at 20 °C : No data available  
Relative density : No data available  
Density :  $1.12 \text{ g/cm}^3$  (25°C)  
Solubility : Material nearly insoluble in water.  
Log Pow : No data available

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Viscosity, kinematic	: No data available
Viscosity, dynamic	: 1500 - 3000 mPa.s (Brookfield 3/20)
Explosive properties	: Product is not explosive.
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

No decomposition if used according to specifications.

### 10.3. Possibility of hazardous reactions

Metal-salts.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### 2,6-di-tert-butyl-p-cresol (128-37-0)

LD50 oral rat	> 2930 mg/kg (OECD 401)
LD50 dermal rat	> 2000 mg/kg (OECD 402)

#### $\alpha,\alpha$ -dimethylbenzyl hydroperoxide, cumene hydroperoxide (80-15-9)

LD50 oral rat	382 mg/kg
LD50 dermal rat	500 mg/kg
LC50 inhalation rat (mg/l)	220 mg/l/4h

#### Isopropylbenzene (98-82-8)

LD50 oral rat	1400 mg/kg
LD50 dermal rabbit	10600 - 12300
LC50 inhalation rat (Dust/Mist - mg/l/4h)	24.7 mg/l/4h

Skin corrosion/irritation	: Prolonged or repeated contact may cause skin to become dry or cracked
Serious eye damage/irritation	: Slight eye irritant
Respiratory or skin sensitisation	: No sensitisation responses were observed
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

#### 2,6-di-tert-butyl-p-cresol (128-37-0)

LC50 fish 1	> 0.57
EC50 Daphnia 1	0.61 mg/l
EC50 72h algae (1)	6 mg/l

#### Isopropylbenzene (98-82-8)

LC50 other aquatic organisms 2	2.7 - 6.32 mg/l
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### Isopropylbenzene (98-82-8)

EC50 other aquatic organisms 2	2.6 mg/l 50/72h (Algae)
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### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

#### 2,6-di-tert-butyl-p-cresol (128-37-0)

Log Pow	5.1
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### 12.4. Mobility in soil

#### 97001

Ecology - soil	Harmful to fishes. Harmful to aquatic organisms. Prevent entry to sewers and public waters. Endangering to drinking water.
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### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
European List of Waste (LoW) code : 08 00 00 - WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS  
08 04 00 - wastes from MFSU of adhesives and sealants (including waterproofing products)  
08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

UN-No. (ADR) : Not applicable  
UN-No. (IMDG) : Not applicable  
UN-No. (IATA) : Not applicable  
UN-No. (ADN) : Not applicable  
UN-No. (RID) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable  
Proper Shipping Name (ADN) : Not applicable  
Proper Shipping Name (RID) : Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

#### IATA

Transport hazard class(es) (IATA) : Not applicable

#### ADN

Transport hazard class(es) (ADN) : Not applicable

#### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable

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Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

### 14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

### 14.6. Special precautions for user

#### - Overland transport

No data available

#### - Transport by sea

No data available

#### - Air transport

No data available

#### - Inland waterway transport

No data available

#### - Rail transport

No data available

### 14.7. 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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

Indication of changes:

1.2	Function or use category	Added	
2.2	Precautionary statements (CLP)	Modified	
15.2	Chemical safety assessment	Modified	

Abbreviations and acronyms:

Abbreviations and acronyms: RID: Regulations Concerning the International Transport of Dangerous Goods by Rail ICAO: International Civil Aviation Organization ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonized System of Classification and labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent
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Full text of H- and EUH-statements:

Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Org. Perox. E	Organic Peroxides, Type E
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
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

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*