

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28-Jul-2017

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EUROLASTIC TK 51

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

1.1. Product identifier

Trade name/designation:

EUROLASTIC TK 51

Article No.:

1091

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

Relevant identified uses:

Sector of uses [SU]

SU 19: Building and construction work

Uses advised against:

Sector of uses [SU]

SU 21: Consumer uses: Private households (= general public = consumers)

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Euroteam Bauchemie GmbH

An der Mühle 1

15345 Altlandsberg

Germany

Telephone: +49 (0) 33438 14790

Telefax: +49 (0) 33438 147929

E-mail: info@euroteam-bauchemie.de

Website: www.euroteam-bauchemie.de

E-mail (competent person): info@euroteam-bauchemie.de

1.4. Emergency telephone number

Labor, 24h: +49 (0) 162 2599220, Montag - Donnerstag 7:00 - 16:00; Freitag 7:00 - 13:00 +49 (0) 33438 1479 19 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Acute toxicity (dermal) (<i>Acute Tox. 4</i>)	H312: Harmful in contact with skin.	
Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	
Reproductive toxicity (<i>Lact.</i>)	H362: May cause harm to breast-fed children.	
Hazardous to the aquatic environment (<i>Aquatic Chronic 2</i>)	H411: Toxic to aquatic life with long lasting effects.	

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2.2. Label elements

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

Hazard pictograms:



GHS07

Exclamation mark



GHS09

Environment

Signal word: Warning

Hazard components for labelling:

Alkanes, C14-17, chloro; Sodium perborate monohydrate; Phenol, methylstyrenated

hazard statements for health hazards	
H312	Harmful in contact with skin.
H317	May cause an allergic skin reaction.
H362	May cause harm to breast-fed children.

Hazard statements for environmental hazards	
H411	Toxic to aquatic life with long lasting effects.

Supplemental Hazard information (EU)	
EUH208	Contains Phenol, methylstyrenated. May produce an allergic reaction.

Precautionary statements Prevention	
P273	Avoid release to the environment.

2.3. Other hazards

No data available

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 68611-50-7	LIQUID POLYSULFIDE POLYMER WITH THIOL END GROUPS (MW >1800) Aquatic Chronic 3 H412	19 - ≤ 33.2 Wt %
CAS No.: 27138-31-4 EC No.: 248-258-5	oxydipropyl dibenzoate Aquatic Chronic 3 H412	3 - ≤ 5 Wt %
CAS No.: 85535-85-9 EC No.: 287-477-0	Alkanes, C14-17, chloro Lact., Aquatic Acute 1, Aquatic Chronic 1 Warning H362-H410-EUH066	1 - ≤ 2.8 Wt %
CAS No.: 68512-30-1 EC No.: 270-966-8 REACH No.: 01-2119555274-38-0000	Phenol, methylstyrenated Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 3 H315-H317-H412	1 - ≤ 1.7 Wt %
CAS No.: 61788-32-7 EC No.: 262-967-7 REACH No.: 01-2119488183-33-XXXX	Terphenyl, hydrogenated Aquatic Chronic 4 H413	0 - ≤ 1.1 Wt %

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product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CL P]	Concentration
CAS No.: 10332-33-9 EC No.: 231-556-4 INDEX No.: 005-019-00-8	Sodium perborate monohydrate <i>Candidate List of Substances of Very High Concern for Authorisation!</i> Eye Dam. 1, Repr. 1B, STOT SE 3, Ox. Sol. 3, Acute Tox. 4  Danger H272-H302-H318-H335-H360Df	0 - < 0.83 Wt %

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician. Get medical advice/attention if you feel unwell.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Take off immediately all contaminated clothing.

After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion:

Get medical advice/attention if you feel unwell.

Self-protection of the first aider:

Use personal protection equipment.

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

No data available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Foam, Dry extinguishing powder, Carbon dioxide (CO₂), Water spray

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

Carbon dioxide (CO₂), Nitrogen oxides (NO_x), carbon black, Carbon monoxide

Hazardous combustion products:

In case of fire: Gases/vapours, toxic

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8). Do not breathe gas/fumes/vapour/spray.

Fire prevent measures:

No special fire protection measures are necessary.

Environmental precautions:

Do not allow to enter into soil/subsoil.

Advices on general occupational hygiene

When using do not eat, drink or smoke. Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels:

Keep/Store only in original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect against direct sunlight.

7.3. Specific end use(s)

No data available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
TRGS 900 (DE)	Alkanes, C14-17, chloro CAS No.: 85535-85-9	① 0.3 ppm (6 mg/m ³) ② 2.4 ppm (48 mg/m ³) ⑤ (einatembare Fraktion), Kann über die Haut aufgenommen werden.
TRGS 900 (DE)	Sodium perborate monohydrate CAS No.: 10332-33-9	① 0.5 mg/m ³ ② 1 mg/m ³ ⑤ einatembare Fraktion

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
Phenol, methylstyrenated CAS No.: 68512-30-1	57 mg/m ³	① DNEL worker ② DNEL acute inhalative (local)
Phenol, methylstyrenated CAS No.: 68512-30-1	16.4 mg/kg	① DNEL worker ② DNEL acute dermal, short-term (local)

Substance name	PNEC Value	① PNEC type
Phenol, methylstyrenated CAS No.: 68512-30-1	0.014 mg/l	① PNEC aquatic, freshwater
Phenol, methylstyrenated CAS No.: 68512-30-1	0.0014 mg/l	① PNEC aquatic, marine water

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection DIN EN 166

Skin protection:

Recommended material: Butyl caoutchouc (butyl rubber), FKM (fluoro rubber), PVC (Polyvinyl chloride), CR (polychloroprene, chloroprene rubber), NBR (Nitrile rubber) Tested protective gloves must be worn DIN EN 374 Suitable material: Breakthrough time (maximum wearing time) min In the case of wanting to use the gloves again, clean them before taking off and air them well.

Respiratory protection:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. (Combination filtering device (EN 14387))

Other protection measures:

Avoid: Inhalation of vapours or spray/mists. Avoid contact with eyes and skin. Wash hands before breaks and after work. Apply skin care products after work.

8.2.3. Environmental exposure controls

No data available

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8.3. Additional information

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: pigmented

Odour: not determined

Safety relevant basis data

parameter		at °C	Method	Remark
pH	<i>not determined</i>			
Melting point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	> 150 °C			
Decomposition temperature (°C):	> 150 °C			
Flash point	100 °C			
Evaporation rate	<i>not determined</i>			
Ignition temperature in °C	> 500 °C			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Relative density	<i>not determined</i>			
Bulk density	<i>not determined</i>			
Water solubility (g/L)	The study does not need to be conducted because the substance is known to be insoluble in water.			
Partition coefficient: n-octanol/water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>	40 °C		

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

The product is chemically stable under recommended conditions of storage, use and temperature.

10.4. Conditions to avoid

Safe handling: see section 7

10.5. Incompatible materials

Strong acid, Oxidising agent, strong

10.6. Hazardous decomposition products

The mixture is chemically stable under recommended conditions of storage, use and temperature.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
68611-50-7	LIQUID POLYSULFIDE POLYMER WITH THIOL END GROUPS (MW >1800)	LD₅₀ oral: >5,000 mg/kg (Rat) LD₅₀ dermal: >7,800 mg/kg (Rat)
27138-31-4	oxydipropyl dibenzoate	LD₅₀ oral: 3,914 mg/kg LC₅₀ inhalative: 200 ppmV LD₅₀ dermal: 2,000 mg/kg
68512-30-1	Phenol, methylstyrenated	LD₅₀ oral: >2,000 mg/kg (Rat) LD₅₀ dermal: >2,000 mg/kg (Rat)
61788-32-7	Terphenyl, hydrogenated	LD₅₀ oral: >10,000 mg/kg (Rat) LD₅₀ dermal: >2,000 mg/kg (Rabbit) LC₅₀ inhalative: >4.7 ppmV 4 h (Rat)
10332-33-9	Sodium perborate monohydrate	LD₅₀ oral: 890 - 1,300 mg/kg (Rat) LD₅₀ dermal: >2,000 mg/kg (Rabbit) OECD 402 LC₅₀ inhalative: 1,165 ppmV 4 h (Rat)

Acute oral toxicity:

The classification criteria for this hazard class are not met by definition.

Acute dermal toxicity:

Harmful in contact with skin.

Acute inhalation toxicity:

The classification criteria for this hazard class are not met by definition.

Skin corrosion/irritation:

May produce an allergic reaction. The classification criteria for this hazard class are not met by definition.

Serious eye damage/irritation:

The classification criteria for this hazard class are not met by definition.

Respiratory or skin sensitisation:

May cause an allergic skin reaction. Contains May produce an allergic reaction.

Germ cell mutagenicity:

The classification criteria for this hazard class are not met by definition.

Carcinogenicity:

The classification criteria for this hazard class are not met by definition.

Reproductive toxicity:

May cause harm to breast-fed children.

STOT-single exposure:

The classification criteria for this hazard class are not met by definition.

STOT-repeated exposure:

The classification criteria for this hazard class are not met by definition.

Aspiration hazard:

The classification criteria for this hazard class are not met by definition.

Additional information:

The product has not been tested. The statement is derived from the properties of the single components. No data available

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SECTION 12: Ecological information

12.1. Toxicity

CAS No.	Substance name	Toxicological information
68611-50-7	LIQUID POLYSULFIDE POLYMER WITH THIOL END GROUPS (MW >1800)	LC₅₀ : >1,000 mg/l 4 d (Leuciscus idus (golden or fe)) EC₅₀ : 20 mg/l 2 d
27138-31-4	oxydipropyl dibenzoate	LC₅₀ : 3.7 mg/l 4 d EC₅₀ : 10 - 100 mg/l 2 d
68512-30-1	Phenol, methylstyrenated	EC₅₀ : 14 - 51 mg/l 2 d (Daphnia pulex (water flea)) OECD 202 EC₅₀ : 15 mg/l 3 d OECD 201 LC₅₀ : 25.8 mg/l 4 d OECD 203
61788-32-7	Terphenyl, hydrogenated	EC₅₀ : >1.34 mg/l 2 d (Daphnia magna (Big water flea)) OECD 202 EC₅₀ : 56 mg/l 4 d (Pseudokirchneriella subcapitata) LC₅₀ : >100 mg/l 4 d (Oncorhynchus mykiss (Rainbow trout)) NOEC : 103 mg/l OECD 209
10332-33-9	Sodium perborate monohydrate	EC₅₀ : 3.5 mg/l (Pseudokirchneriella subcapitata) OECD 201 IC₅₀ : 26.8 mg/l LC₅₀ : 11 mg/l 2 d (Daphnia magna (Big water flea)) LC₅₀ : 51 mg/l 4 d (Brachydanio rerio (zebra-fish)) OECD 203 NOEC : 8 mg/l 2 d (Daphnia magna (Big water flea)) OECD 202 NOEC : 25 mg/l 4 d OECD 203

Aquatic toxicity:

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

CAS No.	Substance name	Biodegradation	Remark
68512-30-1	Phenol, methylstyrenated	No	

Biodegradation:

Poorly biodegradable.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
68611-50-7	LIQUID POLYSULFIDE POLYMER WITH THIOL END GROUPS (MW >1800)	—
27138-31-4	oxydipropyl dibenzoate	—
85535-85-9	Alkanes, C14-17, chloro	—
68512-30-1	Phenol, methylstyrenated	The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.
61788-32-7	Terphenyl, hydrogenated	—
10332-33-9	Sodium perborate monohydrate	—

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12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product:

08 01 11 *	Waste paint and varnish containing organic solvents or other dangerous substances
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*: Evidence for disposal must be provided.

Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Completely emptied packages can be recycled.

13.2. Additional information

No data available

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	
14.1. UN-No.			
UN 3082	UN 3082	UN 3082	
14.2. UN proper shipping name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro)	
14.3. Transport hazard class(es)			
 9	 9	 9	
14.4. Packing group			
III	III	III	
14.5. Environmental hazards			
		 MARINE POLLUTANT	

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	
14.6. Special precautions for user			
Special provisions: 274 335 375 601 Limited quantity (LQ): 5 L Hazard identification number (Kemler No.): 90 Classification code: M6 Remark:	Special provisions: 274 335 375 601 Limited quantity (LQ): 5 L Classification code: M6 Remark:	Special provisions: 274 335 969 Limited quantity (LQ): 5 L EmS-No.: F-A, S-F Remark:	

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Only use containers specifically approved for the substance/product.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU legislation

No data available

15.1.2. National regulations

[DE] National regulations

Water hazard class (WGK)

WGK:

2 - deutlich wassergefährdend

15.2. Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out.

15.3. Additional information

No data available

SECTION 16: Other information

16.1. Indication of changes

2.2. Label elements

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
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Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	
Reproductive toxicity (<i>Lact.</i>)	H362: May cause harm to breast-fed children.	
Hazardous to the aquatic environment (<i>Aquatic Chronic 2</i>)	H411: Toxic to aquatic life with long lasting effects.	

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16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H360Df	May damage the unborn child. Suspected of damaging fertility.
H362	May cause harm to breast-fed children.
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.
H413	May cause long lasting harmful effects to aquatic life.

16.6. Training advice

No data available

16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

* Data changed compared with the previous version