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EUROLASTIC TC 30 G rail schwarz Komponente A

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

1.1. Product identifier

Trade name/designation:

EUROLASTIC TC 30 G rail schwarz Komponente A

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		Classification proc edure
Respiratory or skin sensitisation (Skin Sens. 1)	H317: May cause an allergic skin reaction.	
Reproductive toxicity (Lact.)	H362: May cause harm to breast-fed children.	
Hazardous to the aquatic environment (Aquatic Chronic 2)	H411: Toxic to aquatic life with long lasting effects.	

2.2. Label elements

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



GHS07
Exclamation mark

GHS09

Environment

Signal word: Warning

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Hazard components for labelling:

Alkanes, C14-17, chloro; xylene; Phenol, methylstyrenated; 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane

hazard statements for health hazards	
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 Bisphenol-A-Epichlorohydrin resins, Phenol, methylstyrenated. May produce an allergic reaction.		

Precautionary statements Prevention		
P201 Obtain special instructions before use.		
P273	Avoid release to the environment.	

2.3. Other hazards

Other adverse effects:

Contains epoxy constituents. See information supplied by the manufacturer. May produce an allergic reaction.

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]	Concen- tration
CAS No.: 68611-50-7	LIQUID POLYSULFIDE POLYMER WITH THIOL END GROUPS (MW >1800) Aquatic Chronic 3 H412	24 - 41 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	9 - 16 Wt %
CAS No.: 27138-31-4 EC No.: 248-258-5	oxydipropyl dibenzoate Aquatic Chronic 3 H412	2 - 5 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	1 - 3 Wt %
CAS No.: 1330-20-7 EC No.: 215-535-7	xylene STOT SE 3, Flam. Liq. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT RE 2, Asp. Tox. 1 Danger H226-H304-H312 + H332-H315-H319-H335-H373	1 - 3 Wt %
CAS No.: 25068-38-6 EC No.: 500-033-5	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 2 Warning H315-H317-H319-H411	0 - 1 Wt %

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

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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. Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting.

Self-protection of the first aider:

Use personal protection equipment.

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

Skin corrosion/irritation Allergic reactions Serious eye damage/eye irritation

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

Unsuitable extinguishing media:

High power water jet

5.2. Special hazards arising from the substance or mixture

Carbon dioxide (CO2), Nitrogen oxides (NOx), 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.

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

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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.

Packaging materials:

Suitable container/equipment material: Tin

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.

Storage class: 10 - Combustible liquids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value ty pe (country of origin)	Substance name	 long-term occupational exposure limit value short-term occupational exposure limit value Instantaneous value Monitoring and observation processes Remark
TRGS 900 (DE)	Alkanes, C14-17, chloro CAS No.: 85535-85-9	① 0.3 ppm (6 mg/m³) ② 2.4 ppm (48 mg/m³) ⑤ (einatembare Fraktion)
IOELV (EU)	xylene CAS No.: 1330-20-7	① 50 ppm (221 mg/m³) ② 100 ppm (442 mg/m³) ⑤ (May be absorbed through the skin.)
TRGS 900 (DE)	xylene CAS No.: 1330-20-7	① 100 ppm (440 mg/m³) ② 200 ppm (880 mg/m³)

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8.1.2. biological limit values

Limit value ty pe (country of origin)	Substance name	Limit value	 parameter Test material Sample time Remark
TRGS 903 (DE)	xylene CAS No.: 1330-20-7	1.5 mg/L	 Xylol Blut Expositionsende bzw. Schichtende
TRGS 903 (DE)	xylene CAS No.: 1330-20-7	2,000 mg/L	Methylhipp Urin Expositionsende bzw. Schichtende

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type	
		② Exposure route	
Phenol, methylstyrenated	57 mg/m³	① DNEL worker	
CAS No.: 68512-30-1		② DNEL acute inhalative (local)	
Phenol, methylstyrenated	16.4 mg/kg	① DNEL worker	
CAS No.: 68512-30-1		② DNEL acute dermal, short-term (local)	
xylene	289 mg/m ³	① DNEL worker	
CAS No.: 1330-20-7		② DNEL acute inhalative (systemic)	
xylene	174 mg/m ³	① DNEL Consumer	
CAS No.: 1330-20-7		② DNEL acute inhalative (systemic)	
xylene	289 mg/m ³	① DNEL worker	
CAS No.: 1330-20-7		② DNEL acute inhalative (local)	
xylene	174 mg/m ³	① DNEL Consumer	
CAS No.: 1330-20-7		② DNEL acute inhalative (local)	
xylene	77 mg/m³	① DNEL worker	
CAS No.: 1330-20-7		② DNEL long-term inhalative (systemic)	
xylene	14.8 mg/m ³	① DNEL Consumer	
CAS No.: 1330-20-7		② DNEL long-term inhalative (local)	
xylene	180 mg/kg	① DNEL worker	
CAS No.: 1330-20-7	bw/day	② DNEL long-term dermal (systemic)	
xylene	108 mg/kg	① DNEL Consumer	
CAS No.: 1330-20-7	bw/day	② DNEL long-term dermal (systemic)	
4,4'-Isopropylidenediphenol, oligomeric reaction prod	12.3 g/m³	① DNEL worker	
ucts with 1-chloro-2,3-epoxypropane CAS No.: 25068-38-6		② DNEL acute inhalative (systemic)	
4,4'-lsopropylidenediphenol, oligomeric reaction prod	12.3 g/m³	① DNEL worker	
ucts with 1-chloro-2,3-epoxypropane		② DNEL long-term inhalative (systemic)	
CAS No.: 25068-38-6	0.2 ===///		
4,4'-Isopropylidenediphenol, oligomeric reaction prod ucts with 1-chloro-2,3-epoxypropane	8.3 mg/kg	① DNEL worker	
CAS No.: 25068-38-6		② DNEL acute dermal, short-term (systemic)	
4,4'-Isopropylidenediphenol, oligomeric reaction prod	8.3 mg/kg	① DNEL worker	
ucts with 1-chloro-2,3-epoxypropane CAS No.: 25068-38-6		② DNEL long-term dermal (systemic)	
CA3 No.: 23000-30-0			

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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
xylene CAS No.: 1330-20-7	0.327 mg/l	① PNEC aquatic, freshwater
xylene CAS No.: 1330-20-7	0.327 mg/l	① PNEC aquatic, marine water
xylene CAS No.: 1330-20-7	0.327 mg/l	① PNEC aquatic, intermittent release
xylene CAS No.: 1330-20-7	6.58 mg/l	① PNEC sewage treatment plant (STP)
xylene CAS No.: 1330-20-7	13.46 mg/kg	① PNEC sediment, freshwater
xylene CAS No.: 1330-20-7	12.46 mg/kg	① PNEC sediment, marine water
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane CAS No.: 25068-38-6	0.003 mg/l	① PNEC aquatic, freshwater

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

(DIN EN 166) Eye glasses with side protection

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. In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.

Respiratory protection:

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

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

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: black

Odour: characteristic

Safety relevant basis data

parameter		at °C	method	Remark
рН	not determined			
Melting point/freezing point	not determined			
Freezing point	not determined			
Initial boiling point and boiling	> 150 °C			
range				

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parameter		at °C	method	Remark	
Decomposition temperature (°C):	> 150 °C				
Flash point	100 °C				
Evaporation rate	not determined				
Ignition temperature in °C	> 500 °C				
Upper/lower flammability or explosive limits	not applicable				
Vapour pressure	not determined				
Vapour density	not determined				
Density	≈ 1.5 g/cm³	20 °C			
Bulk density	not determined				
Water solubility (g/L)	insoluble				
Partition coefficient: n-octanol/	not determined				
water					
Dynamic viscosity	not determined				
Kinematic viscosity	not determined	40 °C			

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

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, Reducing agent, strong.

10.6. Hazardous decomposition products

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

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	LD₅₀ oral: >5,000 mg/kg (Rat)
	GROUPS (MW >1800)	LD₅₀ dermal: >7,800 mg/kg (Rat)
68512-30-1	Phenol, methylstyrenated	LD ₅₀ oral: >2,000 mg/kg (Rat)
		LD₅₀ dermal: >2,000 mg/kg (Rat)
1330-20-7	xylene	LD ₅₀ oral: >2,000 mg/kg (Rat)
25068-38-6 4,4'-Isopropylidenediphenol, oligomeric reaction pr		LD₅₀ oral: 11,400 mg/kg (Rat)
	oducts with 1-chloro-2,3-epoxypropane	LD ₅₀ dermal: >22,800 mg/kg (Rabbit)
27138-31-4	oxydipropyl dibenzoate	LD₅₀ oral: 3,914 mg/kg
		LC ₅₀ inhalative: 200 ppmV
		LD₅₀ dermal: 2,000 mg/kg

Eye damage/irritation:

slightly irritant

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

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Respiratory or skin sensitisation:

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Reproductive toxicity:

Suspected of damaging fertility. Suspected of damaging the unborn child.

Additional information:

The product has not been tested. The statement is derived from the properties of the single components.

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)	LC ₅₀ : >1,000 mg/l 4 d (Leuciscus idus (golden orf e)) EC ₅₀ : 20 mg/l 2 d
68512-30-1	Phenol, methylstyrenated	EC₅₀: 14 - 51 mg/l 2 d (Daphnia pulex (water fle a)) OECD 202 EC₅₀: 15 mg/l 3 d OECD 201 LC₅₀: 25.8 mg/l 4 d OECD 203
1330-20-7	xylene	LC ₅₀ : 2.6 mg/l 4 d (Oncorhynchus mykiss (Rainbo w trout)) IC ₅₀ : 1 mg/l (Daphnia magna (Big water flea)) EC ₅₀ : 2.2 mg/l 3 d (Pseudokirchneriella subcapita ta) NOEC: 0.44 mg/l 3 d (Pseudokirchneriella subcapi tata)
25068-38-6	4,4'-lsopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	EC ₅₀ : 220 mg/l 4 d (Scenedesmus subspicatus) EC ₅₀ : 3.6 mg/l 4 d (Leuciscus idus (golden orfe)) EC ₅₀ : 2.8 mg/l 2 d (Daphnia magna (Big water fle a)) LC ₅₀ : 1.3 mg/l 4 d
27138-31-4	oxydipropyl dibenzoate	LC ₅₀ : 3.7 mg/l 4 d EC ₅₀ : 10 - 100 mg/l 2 d

Aquatic toxicity:

Very toxic to aquatic life with long lasting effects.

Assessment/classification:

The product has not been tested. The statement is derived from the properties of the single components.

12.2. Persistence and degradability

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

Biodegradation:

Poorly biodegradable.

12.3. Bioaccumulative potential

CAS No.	Substance name	Log K _{OC}	Bioconcentration factor (BCF)
	4,4'-lsopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	3.242	

12.4. Mobility in soil

No data available

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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 GR OUPS (MW >1800)	_
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.
1330-20-7	xylene	_
25068-38-6	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	_
27138-31-4	oxydipropyl dibenzoate	_

12.6. Other adverse effects

Harmful to aquatic organisms. The product has not been tested. The statement is derived from the properties of the single components.

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

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)	Air transport (ICAO- TI / IATA-DGR)
14.1. UN-No.			
3082	3082	3082	3082
14.2. UN proper shi	pping name		
ENVIRONMENTALLY HA ZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkanes, C14-17, chloro) 14.3. Transport haz	ENVIRONMENTALLY HA ZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkanes, C14-17, chloro)	ENVIRONMENTALLY HA ZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkanes, C14-17, chloro)	ENVIRONMENTALLY HA ZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkanes, C14-17, chloro)
9	9	9	9
14.4. Packing group			ļ
III	III	III	III

^{*:} Evidence for disposal must be provided.

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Land transport (ADR/ RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO- TI / IATA-DGR)	
14.5. Environmental hazards				
***	*	*	*	
·	·	MARINE POLLUTANT	·	
14.6. Special precautions for user				

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

No data available

15.1.2. National regulations

[DE] National regulations

Water hazard class (WGK)

WGK:

1 - schwach 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		Classification proc edure
Respiratory or skin sensitisation (Skin Sens. 1)	H317: May cause an allergic skin reaction.	
Reproductive toxicity (Lact.)	H362: May cause harm to breast-fed children.	
Hazardous to the aquatic environment (Aquatic Chronic 2)	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 statement	S S
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H362	May cause harm to breast-fed children.
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.

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.

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

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EUROLASTIC TC 30 G rail Komponente B

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

1.1. Product identifier

Trade name/designation:

EUROLASTIC TC 30 G rail Komponente B

Article No.:

1080

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 proc edure
Acute toxicity (inhalative) (Acute Tox. 4)	H332: Harmful if inhaled.	
Reproductive toxicity (Lact.)	H362: May cause harm to breast-fed children.	
STOT-repeated exposure (STOT RE 2)	H373: May cause damage to organs through prolonged or repeated exposure. ()	
Hazardous to the aquatic environment (Aquatic Acute 1)	H400: Very toxic to aquatic life.	
Hazardous to the aquatic environment (Aquatic Chronic 1)	H410: Very toxic to aquatic life with long lasting effects.	

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Health hazard

2.2. Label elements

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







Environment

Exclamation mark. Signal word: Warning

Hazard components for labelling:

Alkanes, C14-17, chloro; manganese dioxide; thiram

hazard statements for health hazards	
H332	Harmful if inhaled.
H362	May cause harm to breast-fed children.
H373	May cause damage to organs through prolonged or repeated exposure. ()

Hazard statements for environmental hazards	
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Supplemental Hazard information (EU) EUH208 Contains thiram. May produce an allergic reaction.

Precautionary statements		
P101	If medical advice is needed, have product container or label at hand.	
P102	Keep out of reach of children.	

Precautionary statements Prevention		
P271	Use only outdoors or in a well-ventilated area.	
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]	Concen- tration
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	24 - 42 Wt %
CAS No.: 1313-13-9 EC No.: 215-202-6 REACH No.: 01-2119452801-43-XXXX	manganese dioxide Acute Tox. 4, STOT RE 2 H302-H332-H373	9 - 16 Wt %
CAS No.: 137-26-8 EC No.: 205-286-2	thiram Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1 The work of the way o	0 - 1 Wt %

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

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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. Get medical advice/attention. 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. 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:

Rinse mouth. Let water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

Self-protection of the first aider:

Use personal protection equipment. No direct artificial respiration to be given by first aider.

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, , Water spray

Unsuitable extinguishing media:

High power water jet

5.2. Special hazards arising from the substance or mixture

Carbon dioxide (CO2), Nitrogen oxides (NOx), 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.

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

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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).

For cleaning up:

Solvents/Thinner

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:

Do not breathe gas/fumes/vapour/spray. Wear personal protection equipment (refer to section 8). Avoid contact during pregnancy/while nursing.

Fire prevent measures:

Usual measures for fire prevention.

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.

Packaging materials:

Suitable container/equipment material: Tin

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.

Storage class: 10 - Combustible liquids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value ty pe (country of origin)	Substance name	long-term occupational exposure limit value short-term occupational exposure limit value Instantaneous value Monitoring and observation processes Remark
TRGS 900 (DE)	Alkanes, C14-17, chloro CAS No.: 85535-85-9	① 0.3 ppm (6 mg/m³) ② 2.4 ppm (48 mg/m³) ⑤ (einatembare Fraktion)
TRGS 900 (DE)	thiram CAS No.: 137-26-8	① 1 mg/m³ ② 2 mg/m³ ⑤ (einatembare Fraktion)

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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
1 3	0.2 mg/m³	① DNEL worker
CAS No.: 1313-13-9		② DNEL long-term inhalative (systemic)
	0.043 mg/m ³	① DNEL Consumer
CAS No.: 1313-13-9		② DNEL long-term inhalative (systemic)
	0.004 mg/kg	① DNEL worker
CAS No.: 1313-13-9	bw/day	② DNEL long-term dermal (systemic)

Substance name	PNEC Value	① PNEC type
manganese dioxide CAS No.: 1313-13-9	0.00014 mg/l	① PNEC aquatic, freshwater
manganese dioxide CAS No.: 1313-13-9	0.000014 mg/l	① PNEC aquatic, marine water
manganese dioxide CAS No.: 1313-13-9	100 mg/l	① PNEC sewage treatment plant (STP)
manganese dioxide CAS No.: 1313-13-9	0.037 mg/kg bw/day	① PNEC sediment, freshwater
manganese dioxide CAS No.: 1313-13-9	0.0037 mg/ kg bw/day	① PNEC sediment, 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. Breakthrough times and swelling properties of the material must be taken into consideration.

Respiratory protection:

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

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

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: not determined

Odour: not determined

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Safety relevant basis data

parameter		at °C	Method	Remark
рН	not determined			
Melting point	not determined			
Freezing point	not determined			
Initial boiling point and boiling range	> 200 °C			
Decomposition temperature (°C):	≈ 150 °C			
Flash point	100 °C			
Evaporation rate	not determined			
Ignition temperature in °C	≈ 500 °C			
Upper/lower flammability or explosive limits	not determined			
Vapour pressure	not determined			
Vapour density	not determined			
Density	not determined			
Bulk density	not determined			
Water solubility (g/L)	insoluble			
Partition coefficient: n-octanol/ water	not determined			
Dynamic viscosity	not determined			
Kinematic viscosity	not determined	40 °C		

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

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.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
1313-13-9	manganese dioxide	LD₅₀ oral: >3,480 mg/kg (Rat)
137-26-8	thiram	LD₅₀ oral: 1,800 mg/kg (Rat)
		LD ₅₀ dermal: >2,000 mg/kg (Rabbit)
		LC ₅₀ inhalative: 3.464 mg/l 4 h (Rat)

Acute oral toxicity:

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

Acute dermal toxicity:

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

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Acute inhalation toxicity:

Harmful if inhaled.

Skin corrosion/irritation:

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

Eye damage/irritation:

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

Respiratory or skin sensitisation:

Contains thiram. 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

SECTION 12: Ecological information

12.1. Toxicity

CAS No.	Substance name	Toxicological information
137-26-8	thiram	EC ₅₀ : 0.38 mg/l 2 d (Daphnia magna (Big water flea)) EC ₅₀ : 0.065 mg/l 3 d
		LC ₅₀ : 0.046 mg/l 4 d (Oncorhynchus mykiss (Rain bow trout)) NOEC: 0.02 mg/l 21 d

Aquatic toxicity:

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

12.2. Persistence and degradability

No data available

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
85535-85-9	Alkanes, C14-17, chloro	_
1313-13-9	manganese dioxide	_
137-26-8	thiram	_

12.6. Other adverse effects

Do not allow to enter into soil/subsoil. The product has not been tested. The statement is derived from the properties of the single components.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose according to legislation.

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

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

SECTION 14: Transport Information				
Land transport (ADR/ RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO- TI / IATA-DGR)	
14.1. UN-No.				
3082	3082	3082	3082	
14.2. UN proper ship	pping name			
ENVIRONMENTALLY HA ZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkanes, C14-17, chloro)				
14.3. Transport haza	ard class(es)			
9	9	ŷ	ŷ	
14.4. Packing group				
III	III	III	III	
14.5. Environmenta	l hazards			
*	¥2>	MARINE POLLUTANT	¥2>	
14.6. Special precau	itions for user			
No data available				

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.

^{*:} Evidence for disposal must be provided.

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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

No data available

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 proc edure
Acute toxicity (inhalative) (Acute Tox. 4)	H332: Harmful if inhaled.	
Reproductive toxicity (Lact.)	H362: May cause harm to breast-fed children.	
STOT-repeated exposure (STOT RE 2)	H373: May cause damage to organs through prolonged or repeated exposure. ()	
Hazardous to the aquatic environment (Aquatic Acute 1)	H400: Very toxic to aquatic life.	
Hazardous to the aquatic environment (Aquatic Chronic 1)	H410: Very toxic to aquatic life with long lasting effects.	

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

Hazard statements	
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H362	May cause harm to breast-fed children.
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.

16.6. Training advice

No data available

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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.