Techno Stick Wood 56g

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

1.1. Product identifier

Trade name/designation:

Techno Stick Wood 56g

Article No.:
T638005

UFI:
U54N-X7Q8-XU82-GC2A

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

Use of the substance/mixture:
Adhesive

1.3. Details of the supplier of the safety data sheet

Supplier:

Techniqua Handels GmbH
Hartleitnerstraße 3
4653 Eberstalzell
Austria
Telephone: +43 (0) 7241 213 79
E-mail: office@techniqua.at

1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (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
Skin corrosion/irritation *(Skin Irrit. 2)*	H315: Causes skin irritation.	
Serious eye damage/eye irritation *(Eye Irrit. 2)*	H319: Causes serious eye irritation.	
Respiratory or skin sensitisation *(Skin Sens. 1)*	H317: May cause an allergic skin reaction.	
Hazardous to the aquatic environment *(Aquatic Chronic 3)*	H412: Harmful 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

Signal word: Warning

Hazard components for labelling:
Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide; Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700

Hazard statements for health hazards	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

Hazard statements for environmental hazards	
H412	Harmful to aquatic life with long lasting effects.

Supplemental hazard information	
EUH205	Contains epoxy constituents. May produce an allergic reaction.
EUH212	Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

Precautionary statements Prevention	
P280	Wear protective gloves and eye/face protection.

Precautionary statements Response	
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Precautionary statements Disposal	
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

2.3. Other hazards

Other adverse effects:
No further relevant information 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
EC No.: 701-196-7 REACH No.: 01-2120118957-46	**Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide** Aquatic Chronic 3 (H412), Skin Sens. 1B (H317) Warning	10 – 20 weight-%
CAS No.: 25068-38-6 EC No.: 500-033-5 Index No.: 603-074-00-8 REACH No.: 01-2119456619-26	**Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700** Aquatic Chronic 2 (H411), Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1 (H317) Warning **Specific concentration limit (SCL)** Eye Irrit. 2; H319: C ≥ 5% Skin Irrit. 2; H315: C ≥ 5%	10 – 20 weight-%
CAS No.: 13463-67-7 EC No.: 236-675-5 REACH No.: 01-2119489379-17-0000	**titanium dioxide** The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	1 – < 5 weight-%
CAS No.: 90-72-2 EC No.: 202-013-9 REACH No.: 01-2119560597-27-XXXX	**2,4,6-Tri-(dimethylaminomethyl)phenol** Acute Tox. 4 (H302), Eye Irrit. 2 (H319), Skin Irrit. 2 (H315) Warning	1 – < 3 weight-%

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
Take off contaminated clothing.

Following inhalation:
Provide fresh air. Consult a doctor if symptoms persist.

In case of skin contact:
Wash with plenty of soap and water. In case of skin irritation, consult a physician.

After eye contact:
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion:
Call a physician immediately.

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

Irritant effects

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

Treat symptomatically. Make safety data sheet available to the doctor.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
Water spray jet, Extinguishing powder, Carbon dioxide (CO2), Foam

Unsuitable extinguishing media:
Full water jet

5.2. Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Fire residues and contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:
Special danger of slipping by leaking/spilling product.

6.1.2. For emergency responders

No data available

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Other information:
Take up mechanically. Dispose of the ingested material in accordance with the regulations.

6.4. Reference to other sections

For further information on personal protective equipment: see section 8.
For further information on disposal: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:
No special measures required if used properly.
Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Use protective skin cream before handling the product. Take off contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:
Keep only in original packaging.

Hints on storage assembly:
Do not store together with oxidising agents.

Storage class (TRGS 510, Germany): 11 – Combustible solids that cannot be assigned to any of the above storage classes

Further information on storage conditions:
Keep container tightly closed. Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

Recommendation:
See section 1.2.

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
MAK (AT) from 11 Sept 2007	**titanium dioxide** CAS No.: 13463-67-7 EC No.: 236-675-5	② 10 mg/m³ ⑤ (alveolengängige Fraktion, max. 2x60 min./Schicht)
MAK (AT) from 11 Sept 2007	**titanium dioxide** CAS No.: 13463-67-7 EC No.: 236-675-5	① 5 mg/m³ ⑤ (alveolengängige 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
Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide EC No.: 701-196-7	22 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide EC No.: 701-196-7	6.52 mg/m³	① DNEL Consumer ② Long-term – inhalation, systemic effects

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Substance name	DNEL value	① DNEL type ② Exposure route
Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide EC No.: 701-196-7	2.7 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide EC No.: 701-196-7	1.61 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects
Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide EC No.: 701-196-7	1.9 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	12.3 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	0.75 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	12.3 mg/m³	① DNEL worker ② Acute - inhalation, systemic effects
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	0.75 mg/m³	① DNEL worker ② Acute - inhalation, systemic effects
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	8.3 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	3.6 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	8.3 mg/kg bw/day	① DNEL worker ② Acute – dermal, systemic effects
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	3.6 mg/kg bw/day	① DNEL worker ② Acute – dermal, systemic effects
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	0.75 mg/kg bw/day	① DNEL worker ② Long-term - oral, systemic effects

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Substance name	DNEL value	① DNEL type ② Exposure route
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	0.75 mg/kg bw/day	① DNEL worker ② Acute – oral, systemic effects

Substance name	PNEC Value	① PNEC type
Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide EC No.: 701-196-7	70 µg/L	① PNEC aquatic, freshwater
Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide EC No.: 701-196-7	7 µg/L	① PNEC aquatic, marine water
Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide EC No.: 701-196-7	10 mg/L	① PNEC sewage treatment plant
Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide EC No.: 701-196-7	0.322 mg/kg	① PNEC sediment, freshwater
Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide EC No.: 701-196-7	0.032 mg/kg	① PNEC sediment, marine water
Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide EC No.: 701-196-7	0.023 mg/kg	① PNEC soil
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	0.006 mg/L	① PNEC aquatic, freshwater
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	6 µg/L	① PNEC aquatic, marine water
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	10 mg/L	① PNEC sewage treatment plant
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	0.996 mg/kg	① PNEC sediment, freshwater

Substance name	PNEC Value	① PNEC type
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	0.0996 mg/kg	① PNEC sediment, marine water
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	0.196 mg/kg	① PNEC soil
2,4,6-Tri-(dimethylaminomethyl)phenol CAS No.: 90-72-2 EC No.: 202-013-9	0.084 mg/L	① PNEC aquatic, freshwater
2,4,6-Tri-(dimethylaminomethyl)phenol CAS No.: 90-72-2 EC No.: 202-013-9	0.008 mg/L	① PNEC aquatic, marine water
2,4,6-Tri-(dimethylaminomethyl)phenol CAS No.: 90-72-2 EC No.: 202-013-9	0.2 mg/L	① PNEC sewage treatment plant

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure good ventilation/extraction at the workplace.

8.2.2. Personal protection equipment

Eye/face protection:

Safety goggles (EN 166:2001)

Skin protection:

Hand protection:
In case of continuous contact: > 0.4 mm/ butyl rubber, > 480 min (EN 374-1/-2/-3).
In case of splash contact: > 0.4 mm/ nitrile rubber, > 480 min (EN 374-1/-2/-3).
These are recommendations only. For further information please contact the glove supplier.

Respiratory protection:

not applicable

Thermal hazards:

not applicable

Other protection measures:

The design of the personal protective equipment must be selected specifically for the workplace, depending on the concentration and quantity of hazardous substances. The chemical resistance of the protective equipment should be clarified with their suppliers. Do not breathe vapours. Avoid contact with eyes and skin.

8.2.3. Environmental exposure controls

Comply with applicable environmental regulations that limit releases to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: pasty
Colour: grey
Odour: characteristic
Odour threshold: No information available.

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Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	*not applicable*	
Melting point	*not determined*	
Freezing point	*not determined*	
Initial boiling point and boiling range	*not determined*	
Decomposition temperature	*not determined*	
Flash point	> 200 °C	
Evaporation rate	*not determined*	
Auto-ignition temperature	*not determined*	
Upper/lower flammability or explosive limits	*not applicable*	
Vapour pressure	*not determined*	
Vapour density	*not determined*	
Density	1.85 g/cm³	
Relative density	*not determined*	
Bulk density	*not applicable*	
Water solubility	practically insoluble	
Partition coefficient: n-octanol/water	*not determined*	
Dynamic viscosity	*not determined*	
Kinematic viscosity	*not applicable*	

9.2. Other information
none

SECTION 10: Stability and reactivity

10.1. Reactivity
Reaction with: Oxidizing agent

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
Reaction with: Oxidizing agent

10.4. Conditions to avoid
Strong heating

10.5. Incompatible materials
See section 7.

10.6. Hazardous decomposition products
No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide EC No.: 701-196-7
LD_{50} oral: 2,600 mg/kg (Rat)
LD_{50} dermal: >10,200 mg/kg (Rabbit)
LC_{50} Acute inhalation toxicity (gas): >0.1 ppmV (Rat)
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5
LD_{50} oral: >2,000 mg/kg (Rat)
LD_{50} dermal: >2,000 mg/kg (Rat)

titanium dioxide CAS No.: 13463-67-7 EC No.: 236-675-5	
LD_{50} oral: >2,000 mg/kg (Rat)	
LD_{50} dermal: >2,000 mg/kg (Rabbit)	
LC_{50} Acute inhalation toxicity (vapour): 5 mg/L 4 h	
LC_{50} Acute inhalation toxicity (dust/mist): 3.43 – 5.09 mg/L 4 h OECD 403	
2,4,6-Tri-(dimethylaminomethyl)phenol CAS No.: 90-72-2 EC No.: 202-013-9	
LD_{50} oral: 1,916 – <2,455 mg/kg (Rat)	
LD_{50} dermal: 1,280 mg/kg (Rat)	

Skin corrosion/irritation:
irritant.

Serious eye damage/irritation:
irritant.

Respiratory or skin sensitisation:
sensitising.

Germ cell mutagenicity:
Based on available data, the classification criteria are not met.

Carcinogenicity:
Based on available data, the classification criteria are not met.

Reproductive toxicity:
Based on available data, the classification criteria are not met.

STOT-single exposure:
Based on available data, the classification criteria are not met.

STOT-repeated exposure:
Based on available data, the classification criteria are not met.

Aspiration hazard:
Based on available data, the classification criteria are not met.

Additional information:
Toxicological data of the total product are not available. The listed toxicity data of the ingredients are intended for medical professionals, occupational safety and health professionals and toxicologists.

11.2. Information on other hazards
No data available

SECTION 12: Ecological information

12.1. Toxicity

Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide EC No.: 701-196-7	
LC_{50}: 87 mg/L 4 d (Danio rerio)	
EC_{50}: 12 mg/L 2 d (Daphnia magna)	
EC_{50}: >733 mg/L 4 d (Desmodesmus subspicatus)	
NOEC: 3.5 mg/L 21 d (Daphnia magna)	
NOEC: 388 mg/L 3 d (Desmodesmus subspicatus)	
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5	
LC_{50}: 2 mg/L 4 d (fish)	
EC_{50}: 1.8 mg/L 2 d (crustaceans)	
2,4,6-Tri-(dimethylaminomethyl)phenol CAS No.: 90-72-2 EC No.: 202-013-9	
LC_{50}: 175 mg/L 4 d (fish)	
EC_{50}: 84 mg/L 3 d (Algae/water plant)	
NOEC: 2 mg/L 28 d	

12.2. Persistence and degradability

Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5
Biodegradation: Yes, slowly

Abiotic degradation:
No information available.

Biodegradation:
No information available.

12.3. Bioaccumulative potential

Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5
Log K_{OW}: 3.78
Bioconcentration factor (BCF): 31

Bioconcentration factor (BCF):
No information available.

Accumulation / Evaluation:
No information available.

12.4. Mobility in soil
No information available.

12.5. Results of PBT and vPvB assessment

Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide EC No.: 701-196-7
Results of PBT and vPvB assessment: —
Reaction product: bisphenol A epichlorohydrin resins with average molecular weight <= 700 CAS No.: 25068-38-6 EC No.: 500-033-5
Results of PBT and vPvB assessment: —
titanium dioxide CAS No.: 13463-67-7 EC No.: 236-675-5
Results of PBT and vPvB assessment: —
2,4,6-Tri-(dimethylaminomethyl)phenol CAS No.: 90-72-2 EC No.: 202-013-9
Results of PBT and vPvB assessment: —

No information available.

12.6. Endocrine disrupting properties
No information available.

12.7. Other adverse effects
Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Product residues must be disposed of in compliance with the Waste Directive 2008/98/EC and national and regional regulations. No waste code number according to the European Waste Catalogue (AVV) can be determined for this product, as only the intended use by the consumer allows an allocation. The waste code number must be determined within the EU in consultation with the waste disposal company.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

08 04 09 *	Waste adhesives and sealants containing organic solvents or other dangerous substances

**: Evidence for disposal must be provided.*

Waste code packaging

15 01 10 *	packaging containing residues of or contaminated by dangerous substances

**: Evidence for disposal must be provided.*

Waste treatment options

Appropriate disposal / Product:
Dispose of as hazardous waste. Dispose of to an incineration plant in accordance with local regulations.

Appropriate disposal / Package:
Packaging that cannot be cleaned must be disposed of in the same way as the substance. Non-contaminated packaging can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments
No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Authorisations:
2008/98/EG (2000/532/EG); 2010/75/EU; 2004/42/EG; (EG) 648/2004; (EG) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EWG ((EG) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014

15.1.2. National regulations
No data available

15.2. Chemical Safety Assessment
Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

16.1. Indication of changes
No data available

16.2. Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging

DNEL	derived no-effect level
EC_{50}	Effective Concentration 50%
EN	European Standard
ES	Exposure scenario
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
KG	body weight
LC_{50}	Lethal (fatal) Concentration 50%
LD_{50}	Lethal (fatal) Dose 50%
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
NOEC	No Observed Effect Concentration
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

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]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation *(Skin Irrit. 2)*	H315: Causes skin irritation.	
Serious eye damage/eye irritation *(Eye Irrit. 2)*	H319: Causes serious eye irritation.	
Respiratory or skin sensitisation *(Skin Sens. 1)*	H317: May cause an allergic skin reaction.	
Hazardous to the aquatic environment *(Aquatic Chronic 3)*	H412: Harmful 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.
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
To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.