according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 23 Feb 2023 Print date: 2 May 2023

Version: 1 Page 1/12



Techno Stick Steel 56g

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

1.1. Product identifier

Trade name/designation:

Techno Stick Steel 56g

Article No.:

T638001

UFI:

74CP-6P5Q-NH7D-K75C

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:



Exclamation mark **Signal word:** Warning

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 23 Feb 2023 Print date: 2 May 2023

Version: 1 Page 2/12



Techno Stick Steel 56g

Hazard components for labelling:

Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen sulphide; bis-[4-(2,3-epoxipropoxi)phenyl]propane

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.	

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 prese 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

Adverse human health effects and symptoms:

Persons allergic to epoxides should avoid handling the product.

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
CAS No.: 14807-96-6 EC No.: 238-877-9 REACH No.: 01-2120140278-58	Talc (Mg3H2(SiO3)4) The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	20 – 40 weight-%
CAS No.: 471-34-1 EC No.: 207-439-9	Calcium carbonate The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	20 - 40 weight-%
CAS No.: 1675-54-3 EC No.: 216-823-5 REACH No.: 01-2119456619-26-0026	bis-[4-(2,3-epoxipropoxi)phenyl]propane Aquatic Chronic 2 (H411), Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1 (H317) Warning	10 - < 20 weight-%
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.: 90-72-2 EC No.: 202-013-9 Index No.: 603-069-00-0 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	< 5 weight-%

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

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 23 Feb 2023 Print date: 2 May 2023

Version: 1 Page 3/12



Techno Stick Steel 56g

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. Rinse mouth. Drink plenty of water.

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.

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 23 Feb 2023 Print date: 2 May 2023

Version: 1 Page 4/12



Techno Stick Steel 56g

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)		 Long-term occupational exposure limit value Short-term occupational exposure limit value Instantaneous value Monitoring and observation processes Remark
MAK (AT)	Talc (Mg3H2(SiO3)4) CAS No.: 14807-96-6 EC No.: 238-877-9	① 2 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
bis-[4-(2,3- epoxipropoxi)phenyl]propane CAS No.: 1675-54-3 EC No.: 216-823-5	4.93 mg/m ³	DNEL worker Long-term – inhalation, systemic effects
bis-[4-(2,3- epoxipropoxi)phenyl]propane CAS No.: 1675-54-3 EC No.: 216-823-5	0.87 mg/m ³	DNEL Consumer Long-term – inhalation, systemic effects
bis-[4-(2,3- epoxipropoxi)phenyl]propane CAS No.: 1675-54-3 EC No.: 216-823-5	0.75 mg/kg bw/day	DNEL worker Long-term - dermal, systemic effects
bis-[4-(2,3- epoxipropoxi)phenyl]propane CAS No.: 1675-54-3 EC No.: 216-823-5	0.089 mg/kg bw/day	DNEL Consumer Long-term - dermal, systemic effects

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 23 Feb 2023 Print date: 2 May 2023

Version: 1 Page 5/12



Techno Stick Steel 56g

Substance name	DNEL value	① DNEL type
		② Exposure route
bis-[4-(2,3- epoxipropoxi)phenyl]propane CAS No.: 1675-54-3 EC No.: 216-823-5	0.5 mg/kg bw/ day	① DNEL Consumer ② Long-term - oral, systemic effects
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/m ³	① DNEL Consumer 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	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
Substance name	PNFC Value	① DNEC type

Substance name	PNEC Value	① PNEC type
bis-[4-(2,3- epoxipropoxi)phenyl]propane CAS No.: 1675-54-3 EC No.: 216-823-5	0.006 mg/L	① PNEC aquatic, freshwater
bis-[4-(2,3- epoxipropoxi)phenyl]propane CAS No.: 1675-54-3 EC No.: 216-823-5	0.001 mg/L	① PNEC aquatic, marine water
bis-[4-(2,3- epoxipropoxi)phenyl]propane CAS No.: 1675-54-3 EC No.: 216-823-5	10 mg/L	① PNEC sewage treatment plant
bis-[4-(2,3- epoxipropoxi)phenyl]propane CAS No.: 1675-54-3 EC No.: 216-823-5	0.341 mg/kg	① PNEC sediment, freshwater
bis-[4-(2,3- epoxipropoxi)phenyl]propane CAS No.: 1675-54-3 EC No.: 216-823-5	0.034 mg/kg	① PNEC sediment, marine water
bis-[4-(2,3- epoxipropoxi)phenyl]propane CAS No.: 1675-54-3 EC No.: 216-823-5	0.065 mg/kg	① PNEC soil
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

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 23 Feb 2023 Print date: 2 May 2023

Version: 1 Page 6/12



Techno Stick Steel 56g

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	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
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.

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 23 Feb 2023 Print date: 2 May 2023

Version: 1 Page 7/12



Techno Stick Steel 56g

8.2.3. Environmental exposure controls

See section 6+7.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: pasty Colour: various

Odour: characteristic Odour threshold: No information available.

Safety relevant basis data

Parameter	Value	① Method
		② Remark
рН	not applicable	
Melting point	not determined	
Freezing point	not determined	
Initial boiling point and boiling range	not determined	
Decomposition temperature	not determined	
Flash point	> 100 °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	1.9 - 2.09 g/cm³	
Relative density	not determined	
Bulk density	not applicable	
Water solubility	Immiscible	
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.

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 23 Feb 2023 Print date: 2 May 2023

Version: 1 Page 8/12



Techno Stick Steel 56g

SECTION 11: Toxicological information

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

Acute Toxicity Estimate for Mixtures

ATE (oral): >2,000 mg/kg **ATE (dermal):** >2,000 mg/kg

calcium carbonate CAS No.: 471-34-1 EC No.: 207-439-9

LD₅₀ oral: 6,450 mg/kg (Rat)

bis-[4-(2,3-epoxipropoxi)phenyl]propane CAS No.: 1675-54-3 EC No.: 216-823-5

LD₅₀ oral: >15,000 mg/kg (Rat) LD₅₀ dermal: >23,000 mg/kg (Rat)

Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen

sulphide EC No.: 701-196-7 LD₅₀ oral: 2,600 mg/kg (Rat)

LD₅₀ dermal: >10,200 mg/kg (Rabbit)

LC₅₀ Acute inhalation toxicity (gas): >0.1 ppmV (Rat)

2,4,6-Tri-(dimethylaminomethyl)phenol CAS No.: 90-72-2 EC No.: 202-013-9

LD₅₀ oral: 1,916 - <2,455 mg/kg (Rat) LD₅₀ 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

Talc (Mg3H2(SiO3)4) CAS No.: 14807-96-6 EC No.: 238-877-9

 LC_{50} : >100 mg/L 1 d

bis-[4-(2,3-epoxipropoxi)phenyl]propane CAS No.: 1675-54-3 EC No.: 216-823-5

LC₅₀: 2 mg/L 4 d (fish)

EC₅₀: 1.8 mg/L 2 d (Daphnia magna)

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 23 Feb 2023 Print date: 2 May 2023

Version: 1 Page 9/12



Techno Stick Steel 56g

Reaction products of pentaerythritol, propoxylated and 1-chloro-2,3-epoxypropane with hydrogen

sulphide EC No.: 701-196-7 **LC₅₀:** 87 mg/L 4 d (Danio rerio)

EC₅₀: 12 mg/L 2 d (Daphnia magna)

EC₅₀: >733 mg/L 4 d (Desmodesmus subspicatus)

NOEC: 3.5 mg/L 21 d (Daphnia magna)

NOEC: 388 mg/L 3 d (Desmodesmus subspicatus)

2,4,6-Tri-(dimethylaminomethyl)phenol CAS No.: 90-72-2 EC No.: 202-013-9

LC₅₀: 175 mg/L 4 d (fish)

EC₅₀: 84 mg/L 3 d (Algae/water plant)

NOEC: 2 mg/L 28 d

12.2. Persistence and degradability

Abiotic degradation:

No information available.

Biodegradation:

No information available.

12.3. Bioaccumulative potential

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

Talc (Mg3H2(SiO3)4) CAS No.: 14807-96-6 EC No.: 238-877-9

Results of PBT and vPvB assessment: —

calcium carbonate CAS No.: 471-34-1 EC No.: 207-439-9

Results of PBT and vPvB assessment: —

bis-[4-(2,3-epoxipropoxi)phenyl]propane CAS No.: 1675-54-3 EC No.: 216-823-5

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: —

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.

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 23 Feb 2023 Print date: 2 May 2023

Version: 1 Page 10/12



Techno Stick Steel 56g

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

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)	(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 ship	ping 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 haza	rd 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

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

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 23 Feb 2023 Print date: 2 May 2023

Version: 1 Page 11/12



Techno Stick Steel 56g

16.2. Abbreviations and acronyms

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

Bioconcentration Factor **BCF** CAS Chemical Abstracts Service

Classification, Labelling and Packaging CLP

derived no-effect level DNEL Effective Concentration 50% EC_{50}

ΕN European Standard ES Exposure scenario

EWC European Waste Catalogue

ICAO International Civil Aviation Organization **IMDG** International Maritime Dangerous Goods IMO International Maritime Organization

body weight KG

Lethal (fatal) Concentration 50% LC_{50}

Lethal (fatal) Dose 50% LD_{50}

MAK Maximum concentration in the workplace air (CH)

NFPA National Fire Protection Association

NIOSH National Institute for Occupational Safety & Health

No Observed Effect Concentration NOEC

Occupational Safety & Health Administration **OSHA** 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

Technische Regeln für Gefahrstoffe **TRGS**

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

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 23 Feb 2023 Print date: 2 May 2023

Version: 1 Page 12/12



Techno Stick Steel 56g

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.