



Safety Data Sheet

According to UN GHS

Date of Issue: 30/08/2022 Revision Date 30/08/2022 | Version 6.0

Product name

# STEELTECT 2700 SB CURING AGENT



PLASCOTHANE 421 POLYURETHANE CURING AGENT(KAT 421)

## SECTION 1: IDENTIFICATION

**GHS product identifier** : STEELTECT 2700 SB CURING AGENT(KAT 421)

**Other means of identification** : Aliphatic polyisocyanate catalyst for 2 pack polyurethane systems.

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

**Identified uses** : Used to cure the STEELTECT 2700 SB.



**Restrictions of use** : Do not use in areas / substrates other than specified for in identified uses / TDS.

**Supplier's details** : Kansai Plascon (Pty) Ltd  
P.O. Box 4010  
Luipaardsvlei  
1743

**Emergency phone** : +2711 951 4500 (within hours of operation)  
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**Facsimile** : +2711 955 2841  
**National Contact Person** : Misheck Mundondo



## SECTION 2: HAZARDOUS IDENTIFICATION

<b>Classification of the substance or mixture</b>	: FLAMMABLE LIQUID - Category 2 SERIOUS EYE DAMAGE/ IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2 SPECIFIC TARGET ORGAN TOXICITY SINGLE EXPOSURE – Category 1 SPECIFIC TARGET ORGAN TOXICITY EPEATED EXPOSURE - Category 1 ACUTE TOXICITY (DERMAL) - Category 4 ACUTE TOXICITY (INHALATION) - Category 4 ASPIRATION HAZARD - Category 1 CARCINOGENICITY - Category 1B MUTAGENICITY - Category 1B
<b>Label elements according to</b>	: UN GHS
<b>Hazard pictograms</b>	:  
<b>Signal word</b>	: Danger
<b>Hazard statements</b>	: H225 - Highly flammable liquid and vapour. H304 - May be fatal if swallowed and enters airways. H312 - Harmful in contact with skin. H315 - Causes skin irritation. H332 - Harmful if inhaled. H336 - May cause drowsiness or dizziness. H340 - May cause genetic defects . H350 - May cause cancer. H361d - Suspected of damaging the unborn child. H372 - Causes damage to organs through prolonged or repeated exposure.
<b>Precautionary statements</b>	
<b>General</b>	: P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P103 - Read carefully and follow all instructions.
<b>Prevention</b>	: P203 - Obtain, read, and follow all safety instructions before use.

P210 - Keep away from heat/sparks/open flames/hot surfaces  
. - No smoking.  
P233 - Keep container tightly closed .  
P240 - Ground/bond container and receiving equipment.  
P241 - Use explosion-proof electrical, ventilating, lighting, and all material-handling.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P261 - Avoid breathing dust/fumes/gas/mist/vapours/spray.  
P262 - Do not get in eyes, on skin, or on clothing.  
P263 - Wash contaminated clothing before reuse .  
P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink, or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, eye protection or face protection.  
P284 - In case of inadequate ventilation wear respiratory protection.  
P235 + 410 - Keep cool. Protect from sunlight.

**Response**

: P318 - IF exposed or concerned, get medical advice.  
P331 - Do NOT induce vomiting.  
P391 - Collect spillage.  
P301+316 - IF SWALLOWED: Get emergency medical help immediately.  
P302+352 - IF ON SKIN: Wash with plenty of water.  
P304+340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P332 + 317 - If skin irritation occurs. Get medical help.  
P362 + 364 - Take off contaminated clothing and wash before reuse.  
P370+378 - In case of fire: Use fire extinguisher.  
P303+361+353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

**Storage**

: P405 - Store locked up.  
P410 - Protect from sunlight.  
P403+233 - Store in a well-ventilated place. Keep container tightly closed.



**Disposal** : P501 - Dispose of contents/containers in accordance with local regulation

**Other hazards which do not result in classification** : None identified.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

**Substance/mixture** : Mixture

**Other means of identification** : Aliphatic polyisocyanate catalyst for 2 pack polyurethane systems.

#### CAS number/other identifiers

**CAS number** : Not applicable.

Ingredient name	CAS number	%	UN GHS Classification
Toluene	108-88-3	25.0-30.0	Flam. Liq. 2, H225 Asp Tox.1, H304 STOT RE 2, H373 STOT SE 3, H336 Skin Irrit. 2, H315 Rep. Tox. 2, H361d
Solvent naphtha (petroleum), medium aliph.	64742-88-7	10.0-15.0	Asp.Haz.1, H304 STOT RE 1, H372
n-butyl acetate	123-86-4	5.0-10.0	Flam. Liq. 3, H226 STOT-SE. 3, H336
Solvent naphtha (petroleum), light aliph.	64742-89-8	5.0-10.0	Asp Tox.1, H304 Mutagen. 1B, H340 Carcin. 1B, H350
Solvent naphtha (petroleum), light arom.	64742-95-6	5.0-10.0	Asp Tox.1, H304 Mutagen. 1B, H340 Carcin. 1B, H350
2-methoxy-1-methylethyl acetate	108-65-6	2.0-5.0	Flam. Liq. 3, H226
Solvent naphtha (petroleum), heavy arom.	64742-94-5	2.0-5.0	Asp.Haz.1, H304
Xylene	1330-20-7	2.0-5.0	Flam. Liq. 3, H226 Acute Tox 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315



Ingredient name	CAS number	%	UN GHS Classification
n-hexane	110-54-3	2.0-5.0	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Rep. Tox. 2, H361 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

#### SECTION 4: FIRST AID MEASURES

##### Description of necessary first aid measures

- Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation persist.
- Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact : Remove contaminated clothing and shoes. Wash contaminated skin with soap or a recognised skin cleaner and plenty of water. Avoid the use of solvents. Get medical attention if symptoms persist. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion : Remove victim to fresh air and keep at rest in a position Comfortable for breathing. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe.



**Most important symptoms/ effects, acute and delayed**

Potential acute health effects

- Eye contact : No Known critical hazards.
- Inhalation : Harmful if inhaled.
- Skin contact : Harmful in contact with skin. Causes skin irritation.
- Ingestion : May be fatal if swallowed and enters airways.

Over-exposure signs/symptoms

- Eye contact : No Known critical hazards.
- Inhalation : Adverse symptoms may include nausea or vomiting, headache, drowsiness/ fatigue, or dizziness/vertigo, unconsciousness, reduced fetal weight, increase in fetal deaths skeletal malformations.
- Skin contact : Adverse symptoms may include irritation or redness, reduced fetal weight, increase in fetal deaths or skeletal malformations.
- Ingestion : May be fatal if swallowed and enters airways. May cause damage to organs through prolonged or repeated exposure, reduced fetal weight, increase in fetal deaths or skeletal malformations.

**Indication of immediate medical attention and special treatment needed, if necessary**

- Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments : No specific treatment.
- Protection of first aiders : No action shall be taken involving any personal risk or without Suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

**SECTION 5: FIRE-FIGHTING MEASURES**

Extinguishing media

- Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire such as dry powder, CO2, water spray (fog) or foam. Use fog to cool and control.

- Unsuitable extinguishing media : Do not use water jet.

- Specific hazards arising : Flammable liquid and vapour. In a fire or if heated, a pressure



from the chemical increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products : Decomposition products may include the following materials  
Carbon dioxide  
Carbon monoxide  
Metal oxide/oxides

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk-through spilled material. Put on appropriate personal protective equipment.

For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant



authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

### Methods and materials for containment and cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose via a licensed waste disposal contractor.

Large spill

: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non combustible, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

## SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

: Put on appropriate personal protective equipment (see Section 8). Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid exposure obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Store and use away from heat, sparks, open flame, or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges.





Conditions for safe storage, including any incompatibilities

: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, and well ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Do not reuse container.

**SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION**

Occupational exposure limits

Ingredient name	Exposure limits
Toluene	<b>OHSA:</b> TWA: OEL-RL: 50 ppm; 188 mg/m <sup>3</sup> STEL: OEL-RL: 150 ppm; 560 mg/m <sup>3</sup>
Solvent naphtha (petroleum), medium aliph.	<b>ACGIH (US):</b> STEL: 200 ppm TWA: 100 ppm
n-butyl acetate	<b>OHSA:</b> TWA: OEL-RL 200 ppm; 950 mg/m <sup>3</sup> STEL: OEL-RL 250 ppm; 1190 mg/m <sup>3</sup>
Solvent naphtha (petroleum), light arom.	<b>OHSAS :</b> TWA: OEL-RL 100 ppm
2-methoxy-1-methylethyl acetate	<b>WEL:</b> STEL: 100 ppm; 548 mg/m <sup>3</sup> LTEL: 50 ppm; 274 mg/m <sup>3</sup>
Solvent naphtha (petroleum), heavy arom.	<b>ACGIH (US):</b> TWA: 100 ppm TWA: 525 mg/m <sup>3</sup>
Xylene	<b>OHSA:</b> TWA: OEL-RL: 100 ppm; 435 mg/m <sup>3</sup> STEL: OEL-RL: 150 ppm; 650 mg/m <sup>3</sup>
n-hexane	<b>ACGIH TLV (US, 2/2010):</b> Absorbed through skin. TWA: 50 ppm 8 hour(s).

Recommended monitoring procedures

: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or



other control measures and/or the necessity to use respiratory protective equipment.

Appropriate engineering controls

: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters, or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

Hygiene measures

: Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Avoid direct contact. Never touch eyes with dirty hands or gloves. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be always worn when handling chemical products if a risk assessment indicates this is necessary.

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and



should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary e.g., in case of insufficient ventilation. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Colour	: Clear
Odour (Threshold)	: No data available
Melting point	: Not applicable
Boiling point	: 110°C
Flammability (gas, liquid, solid)	: No data available
Lower and upper explosive (flammable) limits	: No data available
Flash point	: 4°C
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
pH	: Not applicable
Viscosity	: No data available



Solubility : Soluble in organic solvents

Partition coefficient,  
n-octanol/water : No data available

Evaporation rate : No data available

Vapour pressure : No data available

Relative density : 0.87g/ml (typical)

Vapour density : No data available

#### SECTION 10: STABILITY AND REACTIVITY

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions: : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : Keep away from heat. Keep away from flames and sparks.

Incompatible materials : Strong acids and oxidizing agents.

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

#### SECTION 11: TOXICOLOGICAL INFORMATION

##### Acute Toxicity

Ingredient name	Result	Species	Dose	Exposure
Toluene	LC50 Inhalation	Rat	20 mg/l	4 hours
	LD50 Oral	Rat	>7000 mg/kg	-
	LD50 Dermal	Rat	>2000 mg/kg	-
Solvent naphtha (petroleum), medium aliph.	LD50 Oral	Rat	>2000 mg/kg	-
	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LC50 Inhalation	Rats	<20 m/l	4 hours
Solvent naphtha (petroleum), light arom.	LD50 Oral	Rat	>6800 mg/kg	-
	LD50 Dermal	Rabbit	>3400 mg/kg	-
	LC50 Inhalation	Rat	>10.2 m/l	4 hours



Ingredient name	Result	Species	Dose	Exposure
n-butyl acetate	LD50 Dermal	Rabbit	>14.112 mg/kg	-
	LC50 Inhalation	Rat	>21 mg/l	4 hours
	LD50 Oral	Rat	10760 mg/kg	-
2-Methoxy-1-methylethyl acetate	LD50 Oral	Rat, male	>10,000 mg/kg	-
	LD50 Oral	Rat, female	8,532 mg/kg	-
	LD50 Dermal	Rabbit	>5,000 mg/kg	-
	LC50 Inhalation	Rat	> 4,345 ppm	6 hours
Xylene	LC50 Inhalation Gas	Rat	5000 ppm	4 hours
	LD50 Oral	Rat	4300 mg/kg	-
n-hexane	LC50 Inhalation Gas.	Rat	48000 ppm	4 hours
	LD50 Oral	Rat	15840 mg/kg	-

Irritation/Corrosion

Ingredient name	Result	Species	Score	Exposure	Observation
Toluene	Skin - Irritation Eyes - Irritation	Rabbit	0.5	3 minutes	Irritant
		Rabbit	12	24 hours	Non-irritant
			18	48 hours	-
			18	72 hours	-
			16	4 days	-
			9	7 days	-
Solvent naphtha (petroleum), medium aliph.	Skin - Irritation Eye - Irritation	Rabbit	<6	-	Mild irritant
		Rabbit	<15	-	Moderate irritant
Solvent naphtha (petroleum), light arom.	Skin - Irritation Eyes - Irritation	Rabbit	0.5 <3.	-	Mild irritation
		Rabbit	6 <15	-	Mild Irritation
n-butyl acetate	Skin - Irritation Eye - Irritation	Rabbit	-	4 hours	Not irritant
		Rabbit	-	-	Not irritant
Xylene	Eyes - Irritation Skin - Irritation	Rabbit	-	87 milligrams	Mild irritant
		Rabbit	-	100 Percent	Moderate irritant
Solvent naphtha (petroleum), heavy arom.	Skin - Irritation Eye - Irritation	Rabbit	<6	-	Mild irritant
		Rabbit	<15	-	Moderate irritant
n-hexane	Eyes - Irritation	Rabbit	-	100 mg	Mild irritant

Specific target organ toxicity (single exposure)

Ingredient name	Category	Route of exposure	Target Organs
Toluene	Category 3	Not determined	Not determined
n-hexane	Category 3	Not determined	Not determined



Specific target organ toxicity (repeated exposure)

Ingredient name	Category	Route of exposure	Target Organs
Toluene	Category 2	Not determined	Not determined
Solvent naphtha (petroleum), medium aliph.	Category 2	Not determined	Not determined
Toluene	Category 2	Not determined	Not determined
n-hexane	Category 2	Not determined	Not determined

Aspiration hazard

Ingredient name	Result
Toluene	ASPIRATION HAZARD - Category 1
Solvent naphtha (petroleum), medium aliph.	ASPIRATION HAZARD - Category 1
Solvent naphtha (petroleum), light aliph.	ASPIRATION HAZARD - Category 1
Solvent naphtha (petroleum), light arom.	ASPIRATION HAZARD - Category 1
Solvent naphtha (petroleum), heavy arom.	ASPIRATION HAZARD - Category 1
n-hexane	ASPIRATION HAZARD - Category 1

Information on the likely

routes of exposure : Inhalation, skin, and eye contact.

Potential acute health effects

Eye contact : No known critical hazards.

Inhalation : Harmful if inhaled.

Skin contact : Harmful in contact with skin. Causes skin irritation.

Ingestion : May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical, and toxicological characteristics

Eye contact : No Known critical hazards.

Inhalation : Adverse symptoms may include nausea or vomiting, headache, reduced fetal weight, increase in fetal deaths or skeletal malformations.

Skin contact : Adverse symptoms may include irritation or redness, reduced fetal weight, increase in fetal deaths or skeletal malformations.

Ingestion : May be fatal if swallowed and enters airways. May cause damage to organs through prolonged or repeated exposure, reduced fetal weight, increase in fetal deaths or skeletal malformations.

Potential Chronic health effects

General : Causes damage to organs through prolonged or repeated exposure.

Carcinogenicity : May cause cancer. Risk of cancer depends on duration and level of exposure.



Mutagenicity : Suspected of causing genetic defects.  
 Teratogenicity : Suspected of damaging fertility.  
 Developmental effects : No known significant effects or critical hazards.  
 Fertility effects : Suspected of damaging fertility.

Acute toxicity estimates

Route	ATE Value
Oral	1116.2 mg/kg
Dermal	12150.8 mg/kg
Inhalation (gases)	2277.2 ppm
Inhalation (vapour)	78.98 mg/l

**SECTION 12: ECOLOGICAL INFORMATION**

Toxicity

Ingredient name	Result	Species	Exposure
Toluene	Acute EC50 12500 ug/L	Algae - Pseudokirchneriella	72 hours
	Acute EC50 11600 ug/L	Aquatic - Crustaceans	48 hours
	Acute EC50 6000ug/L	Aquatic - Daphnia magna	48 hours
	Acute LC50 5500 ug/L	Fish - Oncorhynchus kisutch	96 hours
	Chronic NOEC 1000 ug/L	Aquatic - Daphnia magna	21 days
Solvent naphtha (petroleum), medium aliph.	Acute LC/EC50 8.1 mg/l	Fish - Salmon	96 hours
	Acute LC/EC50 6 mg/l	Aquatic - Daphnia magna	48 hours
	Acute LC/EC50 9.4 mg/l	Algae - Green algae	8 hours
n-butyl acetate	Acute LC50 18 mg/l	Fish - Pimephales promelas	96 hours
	Acute EC50 44 mg/l	Organic - Daphnia magna	48 hours
	Acute EC50 674,7 mg/l	Algae - Desmodesmus	72 hours
2-Methoxy-1-methylethyl acetate	Acute LC50, 100 - 180 mg/l	Fish - rainbow trout	-
	Acute LC50, 408 - 500 mg/l	Aquatic - Daphnia magna	-
Xylene	Acute LC/EC/IC50 2.6 mg/l	Fish - Rainbow trout	96 hours
	Acute IC50 4.7 mg/l	Aquatic - Daphnia magna	24 hours
	Acute ErC50 4.36 mg/l	Algae - Green algae	73 hours

Persistence and degradability

Ingredient name	Aquatic half-life	Photolysis	Biodegradability
Toluene	-	-	Readily
Solvent naphtha (petroleum), light arom.	-	-	Readily
n-butyl acetate	aerobic - Exposure time 28 days	-	83 % Readily
Xylene	Fresh water <28 days	1 to 2 day(s)	-
n-hexane	Fresh water <28 days	<28 day(s)	-



## Bio accumulative potential

Ingredient name	LogPow	BCF	Potential
Toluene	-	<100	low
Solvent naphtha (petroleum), light arom.	-	<100	low
Xylene	3.12	20	Low
n-hexane	3.9	2.89	low

## Mobility in soil

Soil/ water partition coefficient (KOC)

: No data available.

## Mobility

PBT/vPvB data

: No data available.

: P: No data available.

B: No data available.

T: No data available.

Other adverse effects

: No known significant effects or critical hazards.

**SECTION 13: DISPOSAL CONSIDERATIONS**




Disposal methods

: The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions, and any by-products should always comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.





**SECTION 14: TRANSPORT INFORMATION**

	Transportation - road - SANS 10228:2012	Transportation- Maritime - IMO/ IMDG	Transportation- Air – IATA
UN number	1263	1263	1263
UN proper shipping name	Paint	Paint	Paint
Transport hazard class(es)	3 	3 	3 
Packing group	II	II	II
Environmental Hazards	Environmentally hazardous	Marine pollutant	Environmentally hazardous
Additional information	No data available	<b>Emergency schedules (EmS)</b> F-E, S-E	<b>Passenger and Cargo Aircraft Ltd QTY:</b> Quantity limitation: 1 L Packaging instructions: Y341 <b>Passenger and Cargo Aircraft:</b> Quantity limitation: 5 L Packaging instructions: 353 <b>Cargo Aircraft Only:</b> Quantity limitation: 60 L Packaging instructions: 364
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	No data available	No data available	No data available

**SECTION 15: REGULATORY INFORMATION**

Safety, health and environmental regulations specific for the product

: Relevant information regarding authorization: Occupational Health and Safety Act 1993 Regulation for Hazardous Chemical Substances. Relevant information regarding



restrictions: None known. EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP] and EU directives 67/548/EEC or EC 1999/45/EC Other National regulations: None. Standards used for PPE recommendations in Section 8: NIOSH-National Institute for Occupational Health and Safety (USA) EN 166 European standard which concerns the area of eye protection. EN 374-3 European standards for permeation and penetration. EN 141/EN 143 European standards for gas mixtures to remove specified gases and vapours or combined filters for removing solids, and/or liquid particles and specified gases and vapours.

**SECTION 16: OTHER INFORMATION**

**History**

Date of review : 30/08/2022

Date of review	Version	Amendments
30/08/2022	6.0	GHS compliant SDS
09/07/2020	5.0	-

Date of previous issue : 09/07/2020

Key to abbreviations : ATE = Acute Toxicity Estimate  
 BCP Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL 73/78 = International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 OHS/A = Occupational Health and Safety Act, 1993 (South Africa)  
 RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
 UN = United Nations

References : Supplier Safety Data Sheets.



STEELTECT 2700 SB CURING AGENT

(KAT 421)

UN1263 PAINT

Safety Data Sheet

Date of Issue: 30/08/2022 Revision Date 30/08/2022 | Version 6.0

**Further information:**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

**Notice to readers:**

Employers should use this information only as a supplement to other information gathered by them and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

**Legal disclaimer:**

The above information is believed to be correct but does not purport to be all inclusive and shall be only used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.