Safety Data Sheet
According to UN GHS
Date of Issue: 30/08/2022 Revision Date 30/08/2022 | Version 5.0

Product name

STEELTECT 1100 SB

LOW COST ETCH PRIMER (SN Range)

SECTION 1: IDENTIFICATION

GHS product identifier : STEELTECT 1100 SB (SN Range)

Other means of identification : A premium quality range of fast drying, single pack polyvinyl butyral pre-treatment primers.

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

Identified uses : For use on well prepared mild steel and galvanized iron surfaces such as shop- coating metal window and door frames, scaffolding, steel conduit tubing, etc.

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

Supplier's details : Kansai Plascon (Pty) Ltd
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Luipaardsvlei
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Facsimile : +2711 955 2841
National Contact Person : Misheck Mundondo

SECTION 2: HAZARDOUS IDENTIFICATION

Classification of the substance or mixture : FLAMMABLE LIQUID - Category 2

SERIOUS EYE DAMAGE/ IRRITATION - Category 1
SKIN CORROSION/ IRRITATION - Category 1B
SPECIFIC TARGET ORGAN TOXICITY SINGLE EXPOSURE - Category 3
ACUTE TOXICITY (DERMAL) - Category 3
ACUTE TOXICITY (ORAL - Category 3
ACUTE TOXICITY (INHALATION) - Category 3
REPRODUCTIVE TOXICITY (Unborn child) - Category 2

Label elements according to : UN GHS

Hazard pictograms :

Signal word : Danger

Hazard statements : H225 - Highly flammable liquid and vapour.
H301 - Toxic if swallowed.
H311 - Toxic in contact with skin.
H314 - Causes severe skin burns and eye damage.
H331 - Toxic if inhaled.
H335 - May cause respiratory irritation.
H336 - May cause drowsiness or dizziness.
H361d - Suspected of damaging the unborn child.

Precautionary statements
General : 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.

Prevention : P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
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.

P260 - Do not breathe 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.
P280 - Wear protective gloves, protective clothing, eye protection or face protection.
P281 - Use personal protective equipment as required.
P284 - In case of inadequate ventilation wear respiratory protection.
P235 + 410 - Keep cool. Protect from sunlight.

Response : P319 - Get medical advice or attention if you feel unwell.
P331 - Do NOT induce vomiting.
P363 - Wash contaminated clothing before reuse.
P301+310 - IF SWALLOWED: Immediately call a CENTER or physician.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304+340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
P337+313 - If eye irritation persists get medical advice/attention.
P370+P378 - In case of fire: Use dry powder, CO2, water spray (fog) or foam for extinction.

Storage : P405 - Store locked up.
P410 - Protect from sunlight.
P402+404 - Store in a dry place. Store in a closed container.
P403+235 - Store in a well-ventilated place. Keep cool.

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 : An economical, fast drying, single pack polyvinyl butyral primer.

CAS number/other identifiers

CAS number : Not applicable.

Ingredient name	CAS number	%	UN GHS Classification
Ethanol	64-17-5	35.0-40.0	Acute Tox. 3,H301 Acute Tox.,H311 Acute Tox.3,H331 Eye Irrit. 2, H319 Skin Irrit. 2, H315
n-butanol (dry basis)	71-36-3	15.0-20.0	Flam. Liq. 3, H226 Acute Tox. 4,302 Skin Irrit. 2, H315 Eye Irrit. 1, H318 STOT-SE. 3, H335, H336
Toluene	108-88-3	5.0-10.0	Flam. Liq. 2, H225 Acute Tox. 4,H332 Acute Tox. 5,H303 Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Rep. Tox. 2, H361d
Pentan-2-ol	6032-29-7	5.0-10.0	Flam. Liq. 3, H226 Acute Tox. 4,H332 STOT-SE 3, H335
Isopropyl alcohol	67-63-0	2.0-5.0	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Iso-butanol	78-83-1	2.0-5.0	Flam. Liq. 3, H226 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 1, H318 STOT SE 3, H 335, H336

Ingredient name	CAS number	%	UN GHS Classification
Xylene	1330-20-7	<2.00	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319
3-Methyl-2-butanol (Pentanol Isomers)	598-75-4	< 2.00	Flam. Liq. 3, H226 Acute Tox. 4, H332 STOT-SE 3, H335
Phosphoric acid	7664-38-2	2.0-5.0	Skin Irrit. 1 H314

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	: Causes serious eye damage.
Inhalation	: Toxic if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness.
Skin contact	: Toxic in contact with skin. Causes skin burns.
Ingestion	: Toxic if swallowed.

Over-exposure signs/symptoms

Eye contact	: Adverse symptoms may include pain or irritation, watering or redness.
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 increases 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 from the chemical	: Flammable liquid and vapour. In a fire or if heated, a pressure 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
Ethanol	**OHSA:** TWA: OEL-RL: 1000 ppm; 1900 mg/m³
n-butanol (dry basis)	**OHSA:** STEL: OEL: RL 50 ppm; 150 mg/m³
Toluene	**OHSA:** TWA: OEL-RL 100 ppm; 375 mg/m³ STEL: OEL-RL 150 ppm; 560 mg/m³
Pentan-2-ol	**OHSA:** TWA: OEL-RL 100 ppm; 360 mg/m³ STEL: OEL-RL 200 ppm; 720 mg/m³
Isopropyl alcohol	**ACGIH (US):** TWA: 400 ppm; STEL: 200 ppm
Iso-butanol	**ACGIH (US):** TWA: 50 ppm (8 hour(s)); 152 mg/m³ (8 hour(s)).
Xylene	**OHSA:** TWA: OEL-RL 100 ppm; 435 mg/m³ STEL: OEL-RL 150 ppm; 650 mg/m³
3-Methyl-2-butanol (Pentanol Isomers)	**OHSA:** TWA: OEL-RL 100 ppm; 360 mg/m³ STEL: OEL-RL 125 ppm; 450 mg/m³
Phosphoric acid	**ACGIH (USA):** **PEL**: Long-term value: 1 mg/m³ **REL:** Short-term value: 3 mg/m³ Long-term value: 1 mg/m³ **TLV:** Short-term value: 3 mg/m³ Long-term value: 1 mg/m³

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	: Red Oxide
Odour (Threshold)	: No data available
Melting point	: Not applicable
Boiling point	: No data available
Flammability (gas, liquid, solid)	: No data available
Lower and upper explosive (flammable) limits	: No data available
Flash point	: 39.2°C
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
pH	: Not applicable

Viscosity	: 35 – 45 seconds (typical)
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	: 0.91 g/ml (typical)
Vapour density	: No data available
Particle characteristics	: 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	: No available data
Incompatible materials	: No available data
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
Ethanol	LC50 Inhalation Vapour LD50 Oral	Rat Rat	124700 mg/m^3 7 g/kg	4 hours -

Ingredient name	Result	Species	Dose	Exposure
n-butanol (dry basis)	LDLo Subcutaneous - LC50 Inhalation Vapor LD50 Dermal LD50 Oral	Rabbit Rat Rabbit Rat	3 g/kg 24000 mg/m^3 3400 mg/kg 790 mg/kg	- 4 hours - -
Toluene	LD50 Oral LD50 Dermal LC50 Inhalation	Rat Rabbit Rat	>7000 mg/kg >2000 mg/kg <20 mg/l	- - 4 hours
Pentan-2-ol	LD50 Oral LC50 Inhalation LD50 Dermal	RatRat Rabbit	370 mg/kg 14000 mg/m^3 4490 mg/kg	- 6 hours -
Isopropyl alcohol	LC50 Oral LC50 Inhalation LD50 Dermal	RatRat Rabbit	3437 ppm 72.6 mg/l 4059 mg/kg	- 4 hours -
Iso-butanol	LC50 Inhalation Vapour LD50 Dermal LD50 Oral	Rat Rabbit Rat	19200 mg/m^3 3400 mg/kg 2460 mg/kg	4 hours - -
Xylene	LD50 Dermal LC50 Inhalation LD50 Oral	RabbitRat Rat	<2000 mg/kg <10.0 mg/l >2000 mg/kg	- 4 hours -
Phosphoric acid	Acute LD50 Oral Acute LC50 Inhalation	Rat Rat	1.25 mg/kg 25.5 mg/kg	- -

Irritation/Corrosion

Ingredient name	Result	Species	Score	Exposure	Observation
n-butanol (dry basis)	Eyes - Irritation Skin - Irritation Skin - Irritation	Rabbit Rabbit Rabbit	- - -	24 hrs. 2 mg 0.005 mL 24 hrs. 20 mg	Severe irritant Severe irritant Moderate irritant
Toluene	Skin - Irritation Eyes - Irritation	Rabbit Rabbit	3 12 18 18 16 9	- 24 hours 48 hours 72 hours 4 days 7 days	Mild irritant Non-irritant
Xylene	Skin - Irritation Eyes - Irritation	Rabbit Rabbit	- -	87 mg 100 %	Mild irritant Moderate irritant

Specific target organ toxicity (single exposure)

Ingredient name	Category	Route of exposure	Target Organs
n-butanol (dry basis)	Category 3	Not determined	Respiratory tract irritation and Narcotic effects

Ingredient name	Category	Route of exposure	Target Organs
Pentan-2-ol	Category 3	Not determined	Respiratory tract irritation
Isopropyl alcohol	Category 3	Not determined	Not determined
Iso-butanol	Category 3	Not determined	Respiratory tract irritation and Narcotic effects
3-Methyl-2-butanol (Pentanol Isomers)	Category 3	Not determined	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)
No data available

Aspiration hazard
No data available

Information on the likely routes of exposure : Inhalation, skin, and eye contact.

Potential acute health effects
Eye contact : Causes serious eye damage.
Inhalation : Toxic if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness.
Skin contact : Toxic in contact with skin. Causes skin burns.
Ingestion : Toxic if swallowed

Symptoms related to the physical, chemical, and toxicological characteristics
Eye contact : Adverse symptoms may include pain or irritation, watering or redness.
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 increases 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 : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : Suspected of damaging fertility or the unborn child.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : Suspected of damaging fertility or the unborn child.

Acute toxicity estimates
No data available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ingredient name	Result	Species	Exposure
Ethanol	Acute LC50 13000 mg/l Acute LC50 15300 mg/l Acute LC50 250ppm	Fish - Rainbow trout Fish - Fathead minnow Fish - Goldfish	96 hours 48 hours 8 hours
n-butanol (dry basis)	Acute EC50 1983000 Acute LC50 100 to 500 mg/L	Aquatic - Daphnia magna - 6 to 24 hrs. Fish - Lepomis macrochirus - 0.1 g	48 hours 96 hours
Toluene	Acute LC50 8.1 mg/l Acute EC 6.00 mg/l Acute EC50 9.4 mg/l	Fish Salmon Aquatic - Daphnia magna Algae - Green algae	96 hours 48 hours 8 hours
Isopropyl alcohol	Acute LC50 6550 mg/l Acute EC50 13299 mg/l Acute EC50 >1000 mg/kg	Fish - Pimephales promelasAquatic - Daphnia magna Algae - Green algae	96 hours 48 hours 96 hours
Iso-butanol	Acute LC50 600000 ug/L Acute LC50 1030000 ug/L Acute LC50 1330000 ug/L Chronic NOEC 4000 ug/L	Crustaceans - Artemia salina – NaupliiAquatic - Daphnia magna Fish - Oncorhynchus mykiss - 1.67g Aquatic - Daphnia magna - 24 hrs	48 hours 48 hours 96 hours 21 days
Xylene	Acute LC/EC50 8.05 mg/lAcute LC/EC50 >1 mg/l Acute LC/EC50 >45 mg/l	Fish - Rainbow trout Aquatic - Daphnia magna Algae - Green algae	96 hours 48 hours 3 hours

Persistence and degradability

Ingredient name	Aquatic half-life	Photolysis	Biodegradability
n-butanol (dry basis)	Fresh water 2 to 29 days	2 days	Readily
Toluene	Water solubility: 500 mg/l at 20oC	-	Readily
Iso-butanol	Fresh water 4 days	< 28 days	-
Xylene	Fresh water <28 days	1 to 2 day(s)	-

Bio accumulative potential

Ingredient name	LogPow	BCF	Potential
n-butanol (dry basis)	0.9	3	Low
Toluene	-	<100	-
Iso-butanol	0.8	-	Low
Xylene	3.12	20	Low

Mobility in soil
Soil/ water partition coefficient (KOC) : No data available.
Mobility : No data available.
PBT/vPvB data : 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

	Transportation - road - SANS 10228:2012	Transportation- Maritime - IMO/ IMDG	Transportation- Air – IATA
Transport hazard class(es)	3 	3 	3 
Packing group	III	III	III
Environmental Hazards	Environmentally hazardous	Marine pollutant	Environmentally hazardous
Additional information	No data available	**Emergency schedules (EmS)** F-E, S-E	**Passenger and Cargo Aircraft Ltd QTY:** Quantity limitation: 10 L Packaging instructions: Y344 **Cargo Aircraft Only:** Quantity limitation: 220 L Packaging instructions: 366 **Limited Quantities – Passenger Aircraft** Quantity limitation: 60L Packaging instructions: 355
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	5.0	GHS Purple Book version 9 alignment
23/07/2019	4.0	GHS compliant
26/10/2014	3.0	-

Date of previous issue : 23/07/2019

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)
OHSA = 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.

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.