



SAFETY DATA SHEET

(harmonized with the Regulations on Safety Data Sheet Content, „Official Gazette of RS“ 100/11),
Harmonized with Commission Regulation (EU) 2020/878

BSC 2002

Date of production:	18.06.2021
Version/ date:	02 / 07.12.2021
Revision/ date:	02 / 28.06.2024
Document designation:	BL 01.011

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1. Product identifier

Product name:	BSC 2002
Hazardous substances:	Methylene chloride CAS No 75-09-2; Trichloroethylene CAS No 79-01-6
Register number:	698510000049

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

Product purpose:	Contact adhesive based on special polymers
Identified uses of the chemical:	Used for bonding rubber to rubber, rubber to textile, textile to textile and rubber to metal.
Restrictions on use:	It can only be used for recommended uses

1.3. Details of supplier of the safety data sheet

Manufacturer:	INTERSTIK d.o.o.
Address:	Borova 60 Street, 18000 Nis, Serbia
Phone:	+381 18 574 570
E-mail of the person responsible for the content of SDS:	office@interstik.com

1.4. Emergency telephone number

Poison Control Centre:	The telephone number of the country's poison control center
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SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification in accordance with CLP/GHS: <i>Pursuant to the Regulations on classification, packing, labelling and advertising chemicals and products in accordance with the GHS UN („Official Gazette of RS“ no. 105/13,52/17;21/19;40/23 Regulation EC No 1272/2008)</i>	Carc. 1B, H350 Muta.2, H341 Eye irrit.2, H319 Skin irrit.2, H315 STOT SE 3, H336 Aquatic Chronic 3, H412
Most important physical and chemical effects:	Does not have
Adverse effects on human health:	Can cause cancer. It is suspected that it can lead genetic defects
Effects on the environment:	Harmful to aquatic life with long lasting effects

2.2. Label elements

Labeling in accordance with CLP/GHS:

Pursuant to the Regulations on classification, packing, labelling and advertising chemicals and products in accordance with the GHS UN („Official Gazette of RS“ no. 105/13,52/17;21/19;40/23 Regulation EC No 1272/2008)

GHS pictogram	  GHS08 GHS07
Signal word:	Danger
Hazard statements: (H)	
Physical danger	Does not have
Danger to human health	H350: May cause cancer H341: Suspected of causing genetic defects H319: Causes serious eye irritation H315: Causes skin irritation H336: May cause drowsiness or dizziness
Danger to the environment	H412: Harmful to aquatic life with long-lasting effects
Additional hazard statements:	EUH066: Repeated exposure may cause skin dryness or cracking EUH 205: Contains epoxy constituents. May produce an allergic reaction.



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EUH401: To avoid risks to human health and the environment, comply with the instructions for use.

Precautionary statements (P)

<i>Prevention</i>	P202: Do not handle until all safety precautions have been read and understood. P280: Wear protective gloves/protective clothing/eye protection/face protection P261: Avoid breathing vapours P273: Avoid release to the environment
<i>Precautionary</i>	P308+P313: IF exposed or concerned: Get medical advice/attention. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
<i>Storage</i>	P405 : Store locked up.
<i>Disposal</i>	P501: Dispose of contents / container in the prescribed manner in accordance with local regulations.

2.3. Other hazards

This material is classified as neither PBT nor vPvB. On the day of compiling the safety data sheet this product (mixture) contains trichloroethylene. Trichloroethylene is on the list of substances of very high concern. (SVHC list)

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

Not relevant

3.2. Mixtures

Name of the component	CAS no	EC no	Index no	REACH no	Classification in accordance with CLP/GHS ^{*)}	Content (%)
Methylene chloride	75-09-2	200-838-9	602-004-00-3	-	Karc. 2, H351	50 - 60
Trichloroethylene	79-01-6	201-167-4	602-027-00-9	-	Carc. 1B, H350 Muta. 2, H341 Eye Irrit. 2, H319 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 3, H412	18 - 25



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Reaction product: bisphenol-A- (epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)	25068-38-6	500-033-5	603-074-00-8	-	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	< 0,1
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¹⁾ Classification in accordance with the *Regulations on classification, packing, labelling and advertising chemicals and products in accordance with the GHS UN* („Official Gazette of RS“ no. 105/13, 52/17, 21/19; 40/23 Regulation EC No 1272/2008). For full names of H labels see Section 16

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

<i>General advice</i>	Consult a physician. Show this safety data sheet to your doctor.
<i>If inhaled</i>	Remove the injured person to fresh air and allow them to rest in a position comfortable for breathing. If the injured person is not breathing, use artificial respiration. Consult a physician. If the polluted person does not feel well, call a doctor. Avoid refrigeration. Give mouth-to-mouth artificial respiration with either a mechanical ventilator or a contaminated oxygen mask. It is necessary to call a doctor immediately
<i>Skin contact:</i>	Rinse the affected area with plenty of water for at least 15 minutes and then remove all contaminated clothing and shoes. Remove the glue from the skin with a cotton or cellulose cloth and then rinse thoroughly with water and soap. Consult a physician. Take off clothes and shoes and wash before reusing. Wash skin with soap and water and seek medical advice.
<i>Eye contact:</i>	Rinse your eyes with plenty of water first, and remove the lens contact if possible. Keep eyes wide open while rinsing. Longer contact can lead to dermatitis. Consult a doctor if necessary. Seek medical attention immediately.
<i>Ingestion:</i>	It can cause stomach upset. Never give anything through the mouth of an unconscious person. Rinse mouth with water. Seek medical attention if poisoning effects develop. Do not induce vomiting.

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

<i>Respiratory organs contact:</i>	High concentration causes irritation
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<i>Skin contact:</i>	Irritates skin.
<i>Eye contact:</i>	Causes eye irritation.

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

See section 4.1.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

<i>Suitable extinguishing media:</i>	In case of fire, use a carbon dioxide (CO ₂) fire extinguisher, dry powder fire extinguisher
<i>Unsuitable extinguishing media:</i>	Water jet

5.2. Special hazards arising from the substances and mixture

During fire it may form toxic and irritating vapours. Do not inhale combustion products. Avoid water from fire fighting to enter waterways and sewage.

5.3. Advice for firefighters

In case of fire, immediately isolate the scene by removing all people from the area. Take fire-fighting measures appropriate to local conditions. Firefighters must use fire-fighting equipment (EN 469), fire-fighting gloves (EN659) and boots in combination with a personal breathing apparatus (EN 137).

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment – defined in Section 8.

Empty the surrounding area, do not undertake anything that could endanger the staff. Prevent the entry of unnecessary staff. Do not breathe vapor or mist. Only qualified persons with appropriate protective equipment can intervene.

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6.2. Environmental precautions

Ensure that material does not reach watercourses, sewers and soil. In case of large spills, inform the competent authorities

6.3. Methods and material for containment and cleaning up

The liquid part of the material spilled should be soaked up with material such as: sand, sawdust, acid binder, universal binder. The collected material should be disposed of in containers, labelled and treated as hazardous waste

6.4. Reference to other sections

See Section 1 – for information on contact in emergency cases

See Section 8 – for information on personal protection equipment

See Section 13 – for information of waste treatment

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Use protective equipment defined in Section 8. Handle material only in a well-ventilated room. Do not use food or drink at work. Wash your hands with soap and water before eating, drinking or smoking. Take off contaminated clothing and shoes and wash before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Store in original packaging in enclosed spaces at storage temperature 5°C-25°C, away from direct sunlight and sources of ignition.

7.3. Specific end use (s)

Use the product according to the manufacturer's technical instructions. When using small quantities compared to the packaged product, close the original packaging and store in the storage area according to the instructions for storage.



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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Name	Cas No	Limit values				DNEL	PNEC		
		GVI		KGVI					
		mg/m ³	ppm	mg/m ³	ppm				
Methylene chloride	75-09-2	-	-	-	-	-	Marine water : 0,031 Fresh water: 0,31 Sediment (fresh water):2,57 Marine (sediment): 0,26		

*For substances that are part of the mixture, there is no data on the limit values in our Regulations on preventive measures for safe and healthy work when exposed to chemical substances ("Official Gazette of the RS" No.106 / 2009, 117/17, 107/21). Data for PNEC were taken from the MSDS manufacturers. For full abbreviations see Section 16

8.2. Exposure controls

Technical control:	Use only with good ventilation in the workplace. Local ventilation at exposure sites, high efficiency, 90-95%
Eye protection:	When the hazard assessment indicates that it is necessary, eye protection equipment should be used in accordance with the approved standard, in order to avoid exposure to liquids spraying. If the assessment does not indicate that a greater measure of protection is necessary, it is necessary to wear goggles for protection against chemicals that spray.
Skin protection:	Use chemical resistant nitrile gloves in the category of standard EN 374. For prolonged or repeated exposure to the product, gloves with protection category 6 (penetration time longer than 480 minutes according to EN 374) are recommended. In the case of short-term exposure, protection category 2 is recommended (penetration time longer than 30 minutes according to EN 374). Use proper glove removal technique (without touching the outer surface of the glove) to avoid skin contact with this product. Remove contaminated gloves after use in accordance with applicable laws and good laboratory practice. Wash and dry your hands.
Body protection:	Protective work suit
Respiratory protection:	The rooms in which worked is done must have adequate ventilation. Use a protective mask if the concentration in the work area is above the permitted limit values.
Thermal hazards protection:	No data available
Environmental exposure control:	Do not throw material into watercourses and municipal waste

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<i>Appearance:</i>	Black homogenous solution
<i>Odour:</i>	of organic solvents
<i>Odour threshold:</i>	Data is not available
<i>pH:</i>	Data is not available
<i>Melting point / freezing point:</i>	Data is not available
<i>Initial boiling point or boiling range:</i>	Data is not available
<i>Flash point(ISO 3679) °C :</i>	Non- flammable
<i>Evaporation rate :</i>	Data is not available
<i>Flammability:</i>	Non- flammable
<i>Upper / lower flammability or explosive limits:</i>	Data is not available
<i>Vapour pressure:</i>	Data is not available
<i>Vapour density:</i>	Data is not available
<i>Relative density,(ISO 2811,20°C) g/cm³ :</i>	1,20
<i>Solubility:</i>	Soluble in organic solvents, insoluble in water
<i>Partition coefficient: n octanol / water:</i>	Data is not available
<i>Auto-ignition temperature:</i>	Data is not available
<i>Decomposition temperature:</i>	Data is not available
<i>Viscosity, (ISO 2431, Ø8,20°C),s:</i>	55 ± 5
<i>Explosive properties:</i>	Data is not available
<i>Oxidising properties:</i>	Does not have

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9.2. Other information

Dry matter (ISO 3251), % (ISO3251)%	min.17,5
Dynamic viscosity 20°C, (ISO 3219) mPas	4200 - 4800
Application	By brush
Consumption per layer, g/m ²	300 - 500

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

The material is not reactive under normal conditions

10.2. Chemical stability

Material is stable under normal conditions – for handling, application and transport. Store at a temperature of 5 to 25 C in a well-closed original package closed, original packaging.

10.3. Possibility of hazardous reactions

No data is available

10.4. Conditions to avoid

Extremely high and low temperatures

10.5. Incompatible materials

Oxidising substances

10.6. Hazardous decomposition products

No data is available

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SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No1272/2008

<i>Acute toxicity:</i>	No data available on acute toxicity for the product. Acute toxicity for the ingredients Methylene chloride – cas no 75-09-2 oral LD ⁵⁰ > 2000 mg/kg (rat) dermal LD ⁵⁰ > 2000 mg/kg (rat) inhalation LC ⁵⁰ /7h 49 mg/l (rat) Trichloroethylene – cas no 79-01-6 oral LD ⁵⁰ > 5400 mg/kg (rat) dermal LD ⁵⁰ > 20 000 mg/kg (rat) inhalation LD ⁵⁰ /4h – 12500 ppm (rabbit) Epoxy resins molecular weight ≤ 700 cas no – 25068-38-6 oral LD ⁵⁰ > 2000 mg/kg (rat) dermal no data inhalation no data
<i>Skin corrosion / irritation:</i>	Based on data available criteria for classification were not met.
<i>Serious eye damage / irritation:</i>	May cause eye sensitisation
<i>Respiratory or skin sensitisation:</i>	Mildly irritates skin and mucous membranes
<i>Germ cell mutagenicity:</i>	Data is not available
<i>Carcinogenicity:</i>	Based on data available criteria for classification were not met.
<i>Reproductive toxicity:</i>	Data is not available
<i>Specific Target Organ Toxicity (STOT) – single exposure:</i>	Data is not available
<i>Specific Target Organ Toxicity – repeated exposure:</i>	Data is not available
<i>Aspiration hazard:</i>	Data is not available
<i>Information on possible routes of exposure (swallowing, inhalation, contact with skin):</i>	Data is not available
<i>Symptoms related to physical, chemical and toxicological properties:</i>	Data is not available



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<i>Delayed and onset effects, as well as chronic effects due to short and prolonged exposure:</i>	Data is not available
<i>Interactive effects:</i>	Data is not available
<i>When specific chemical data is not available:</i>	Data is not available
<i>Compound data in relation to data on substance in it:</i>	Data is not available
<i>Other information:</i>	When the product is used according to the instructions, it does not cause harmful effects based on our experiences and the information we have received

Data on acute toxicity were taken from the ECHA site. For full abbreviations see Section 16

11.2. Information on other hazards

The product is not an endocrine disruptor

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Data is not available for acute and chronic toxicity for the mixture.

Acute toxicity for the ingredients

Methylene chloride - cas no 75-09-2

Fish	LC*50/48h	97 mg/l
Daphnia	LC*50/48h	27 -109 mg/l
Algae	-	-

Trichloroethylene - cas no 79-01-6

Fish	LC*50/ 4 dana	28,3mg/l
Daphnia	EC*50/48h	20,8 mg/l
Algae	EC*50/72h	36,5mg/l

Epoxy resins molecular weight ≤ 700 – 25068-38-6

Fish	LC*50/96h	-
Daphnia	LC*50/48h	2 mg/l
Algae	EC*50/48h	9 mg/l

Chronic toxicity for the ingredients:

Methylene chloride- cas no 75-09-2

Fish	NOEC / 28 dana	83-321 mg/l
	NOEC / 8 dana	357 mg/l

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Trichloroethylene –cas no 79-01-6

Fish	NOEC/ 10 dana	5,76 mg/l
Daphnia	NOEC / 7 dana	7,1mg/l
Algae	NOEC	12,3 mg/l

Data on acute and chronic toxicity were taken from the ECHA site. For full names of abbreviations see Section 16

12.2. Persistence and degradability

Data is not available

12.3. Bioaccumulative potential

Data is not available

12.4. Mobility in soil

Data is not available

12.5. Results of PBT and vPvB assessment

The material does not meet the criteria for classification in the PBT nor vPvB substances.

12.6. Endocrine disrupting properties

Not known

12.7. Other adverse effects

Not known

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Make the most of the material. Leave the empty packaging open so that the remains of the solvent completely evaporate. Treat the solid residue from the dried glue as well as the packaging as non-hazardous waste.

Waste index number according to the Waste Catalogue: 15 01 04 - Annex 7 of the Rulebook on categories, testing and classification of waste (Official Gazette of the RS" no. 56/10, 93/19)



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SECTION14. TRANSPORT INFORMATION

14.1. UN number or ID number

UN number: 2810

14.2. UN proper shipping name

UN proper shipping name: TOXIC LIQUID, ORGANIC, N.O.S.

14.3. Transport hazard class(es)

ADR/RID:	6.1
ADN:	6.1
IATA:	6.1
IMDG:	6.1

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Do not empty directly into drains and sewers.

14.6. Special Precautions for user

Classification code T1. Transport category (Tunnel restriction code) E. Limited quantities 5l. Excepted quantities E1.

14.7. Maritime transport in bulk according to IMO instruments

Not transported

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SECTION 15. REGULATORY INFORMATION

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

- Law on Chemicals („Official Gazette of RS“, no. 36/09, 88/10, 92/11, 93/12, 25/15,)
- Law on Environmental Protection („Official Gazette of RS“, no. 135/04, 36/09, 72/09, 43/11, 14/16, 76/18, 95/18)
- Law on Safety and Health at Work („Official Gazette of RS“, no. 101/05, 91/15, 113/17)
- Law on the transport of dangerous goods („Official Gazette of RS“, no. 104/16, 83/18, 95/18, 10/19)
- Law on Waste Management („Official Gazette of RS“, no. 36/09, 88/10, 14/16, 95/18, 35/23)
- Rulebook on Classification, Packing, Labeling and Advertising of chemicals and products in accordance with GHS UN („Official Gazette of RS“, no. 105/13, 52/17, 21/19; 40/23 Regulation EC No 1272/2008)
- Rulebook on the content of the Safety Data Sheet („Official Gazette of RS“, no. 100/11)
- Rulebook on restrictions and prohibitions of production, marketing and use of chemicals („Official Gazette of RS“, no. 90/13; 25/15; 2/16; 44/17; 36/18; 9/20; 57/22);-Annex XVII REACH-a
- Rulebook on preventive measures for safe and healthy work during exposure to chemical substances („Official Gazette of RS“, no. 106/2009, 117/17, 107/21)
- Rulebook on the manner of storage, packaging and marking of hazardous waste ("Official Gazette of RS" No. 92/10; 77/21)
- Rulebook on categories, testing and classification of waste ("Official Gazette of RS" No. 36 / 10, 93 / 19, 39 / 21)
- List of classified substances („Official Gazette of RS“, no. 41/23),

Note: The laws and regulations used to compile the safety data sheet are in line with the REACH regulation

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16. OTHER INFORMATION

The reason for revision of the Safety Data Sheet

The safety data sheet has been revised due to changes in sections 3, 9, 10
Previous version / revision date: r01/15.01.2024

With the date of the latest version / revision will be replaced by all previous editions.

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List of abbreviations and acronyms listed in the Safety Data Sheet with an explanation of the meaning

CLP	Classification, labeling and packaging of substances and mixtures
CAS No	Chemical Abstracts Service Number-numeric code assigned by the American Chemical Society, which uniquely identifies each chemical
EC No	A seven-digit code assigned to a chemical that is commercially available in the European Union.
ADR/RID	European Agreement Concerning the International Carriage of Dangerous Goods by Road.
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
IMDG	International regulation on the sea transport of dangerous goods.
ICAO/IATA	International regulation on air transport of dangerous goods.
LC50	Concentration of the chemical that is lethal to 50% of the test population during a predetermined exposure period.
LD50	Medium lethal dose — a statistically derived single dose of a chemical that is lethal to 50% of the test population when administered orally. The LD50 value is expressed per unit mass of test substance per unit body weight of the experimental animal (mg / kg)
EC50	Concentration of the chemical that is estimated to lead to immobilization of 50% of the population exposed to the chemical during a predefined period.
IC50	Half the maximum concentration to inhibit biological or biochemical function
DNEL	Derived No Effect Levels-exposure level above which people should not be exposed (derived data)
PNEC	Predicted No Effect Concentration- the concentration of the substance below which no worrying adverse effects on the environment are expected.
PEL	Permissible exposure limit - permissible exposure limit during eight-hour working hours.
PBT	Substance persistent, bioaccumulative or toxic.
vPvB	Substance very persistent or very bioaccumulative.
GVI	Exposure limit within the workplace (Serbian abbreviation).
KGVI	Short Term Exposure Level (Serbian abbreviation).
TWA	Time Weighted Average- the average time that workers can be exposed to the chemical without negative effects during the average working time (8 hours a day, or 40 hours a week). Used when exposure time and concentration vary over time.
STEL	Short-Term Exposure Limit- a limit value above which exposure to chemicals should not go and usually refers to a reference period of 15 minutes.
NOEC	No observed effect concentration (NOEC) is the test concentration just below the lowest tested concentration with a statistically significant adverse effect



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Literature used for compiling this Safety Data Sheet

For the compilation of the Safety Data Sheet were used:

- Laws and Regulations listed in Section 15.1
- GHS in practice
- European Agreement concerning the International Carriage of Dangerous Goods by Road – ADR
- MSDS from the Manufacturer chemicals
- <http://www.ekologija.gov.rs>
- <http://echa.europa.eu>
- <http://www.utot.gov.rs>

Full name of labels mentioned in this Safety Data Sheet

Full text of H – Statements:

H315:	Causes skin irritation
H317:	May cause an allergic skin reaction
H319:	Causes serious eye irritation
H336:	May cause drowsiness or dizziness
H341:	Suspected of causing genetic defects
H350:	May cause cancer
H351:	Suspected of causing genetic defects.
H411:	Toxic to aquatic life with long lasting effects
H412:	Harmful to aquatic life with long lasting effects

Advice on appropriate training for employees for protection of human health and environment

The Safety Data Sheet has been prepared according to the data available on the day of compiling and the information from this Safety Data Sheet must be available to all users of the product.

DISCLAIMER OF LIABILITY OF THE MANUFACTURER:

The manufacturer has no control or knowledge of the conditions that affect the handling, storage, use, disposal and disposal of this product. The manufacturer is therefore not responsible for any harmful consequences that may occur during handling, storage, use or disposal of the product. and disclaims liability for any loss, damage, expense arising out of or in any way connected with the storage, handling, use or disposal of the product. If the user changes the packaging, it is his responsibility to label the product in the new packaging in the same way as on the original packaging. The user is responsible for the use of the product, the application of safety and health measures at work and the protection of the environment in accordance with this Safety Data Sheet and in accordance with applicable laws and regulations. As we cannot influence the proper use of our product, the information in the Safety Data Sheet has no contractual relationship.