SAFETY DATA SHEET

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

MS TMEL

Creation date	22nd October 2003		
Revision date	19th December 2022	Version	16

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

1.1. Product identifier — MS TMEL

Substance / mixture — mixture

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

Mixture's intended use

Sealer.

The use descriptors

PC 1	Adhesives, sealants
PW	Widespread use by professional workers

Mixture uses advised against

Not specified. It is recommended to be used only for specified uses. Other uses may expose users to unforeseeable risks.

1.3. Details of the supplier of the safety data sheet

Supplier

Name or trade name	NOVATO
Address	Uralská 770/6, Praha, 160 00 Czech Republic
Identification number (CRN)	62910370
VAT Reg No	CZ62910370
Phone	+420 233 339 688
E-mail	petr.johanides@novato.cz
Web address	www.novato.cz

Competent person responsible for the safety data sheet

Name	ABITEC
E-mail	info@abitec.cz

1.4. Emergency telephone number

European emergency number: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

Most serious adverse physico-chemical effects

Incomplete thermal decomposition at high temperatures can release dangerous gases. The mixture contains a component which reacts violently in contact with water.

Most serious adverse effects on human health and the environment

The mixture contains a caustic component below the concentration limit. In the case of susceptible individuals it may slightly irritate the skin (redness, itching). Avoid ingestion. Secure against confusion with food.

2.2. Label elements

none

2.3. Other hazards

Neither the mixture nor its components meet the criteria for persistent, bioaccumulative and toxic or highly persistent and highly bioaccumulative substances in accordance with Annex XIII, nor have they been included in the list drawn up in accordance with Article 59, paragraph 1, due to the content of endocrine disruptors , nor has it been determined as a substance with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 28553-12-0 EC: 249-079-5	di-''isononyl'' phthalate	10-<20	not classified as dangerous	1, 3
Index: 014-049-00-0 CAS: 2768-02-7 EC: 220-449-8	trimethoxyvinylsilane	1-<2,5	Skin Sens. 1B, H317	
Index: 603-001-00-X CAS: 67-56-1 EC: 200-659-6	methanol - A small amount of methanol may be released during curing.	1-<2,5	Flam. Liq. 2, H225 Acute Tox. 3, H301+H311+H331 STOT SE 1 (**), H370 Specific concentration limit: STOT SE 1, H370: C ≥ 10 % STOT SE 2, H371: 3 % ≤ C < 10 %	1, 2, 3
CAS: 1333-86-4 EC: 215-609-9	carbon black	0,1-<1	not classified as dangerous	1
CAS: 1760-24-3 EC: 217-164-6	N- (3- (trimethoxysilyl) propyl) Ethylenediamine	0,1-<1	Skin Sens. 1, H317 Eye Dam. 1, H318 Acute Tox. 4, H332 STOT SE 3, H335 Specific concentration limit: Eye Dam. 1, H318: C ≥ 3 % Skin Sens. 1, H317: C ≥ 1 %	
CAS: 54068-28-9 EC: 483-270-6 Registration number: 01-0000020199-67	Dioctylbis(pentane-2,4-dionato-O,O')tin	0,1-<1	Skin Sens. 1, H317 STOT SE 2, H371 Specific concentration limit: STOT SE 2, H371: C ≥ 10 %	1
CAS: 3069-29-2 EC: 221-336-6 Registration number: 01-2119963926-21	N-(2-Aminoethyl)-3-aminopropylmethyl-dimethoxysilan	0,1-<1	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1A, H317 Eye Dam. 1, H318 Specific concentration limit: Eye Dam. 1, H318: C ≥ 3 % Skin Sens. 1A, H317: C ≥ 0.1 %	

Notes

** another exposure route cannot be ruled out

1 A substance for which exposure limits are set.

2 Substance for which biological limit values exist.

3 The use of the substance is restricted by Annex XVII of REACH Regulation

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

If you feel any health problems or if in doubt, seek medical advice and provide information from this Safety Data Sheet. In the case of life-threatening conditions, resuscitate. Keep the unconscious person in a stabilized position and do not give anything by mouth. Avoid cool. Do not induce vomiting. For spontaneous vomiting, avoid inhalation of vomit.

If inhaled

There is no risk of inhalation under normal use. If inhalation occurs, leave room, rinse mouth with water, inhale fresh air.

If on skin

Wipe the product thoroughly, rinse thoroughly with warm water, soap and treat with a regenerating cream. In case of garment contamination, remove the garment. If symptoms of irritation develop, seek medical help.

If in eyes

If it has affected contact lenses, remove them if possible. Open wide eyes rinse out of the inner corner of the eye toward the outside of a large amount of clean, lukewarm water, especially the area under the lids. Rinse for at least 15 minutes and seek medical attention.

If swallowed

Do not induce vomiting. Rinse mouth with water. Get medical attention and present this safety data sheet.

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

If inhaled

not available

If on skin

Irritation, itching, redness.

If in eyes

Irritation, lacrimation, pain.

If swallowed

Ingestion may cause nausea or abdominal pain.

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

In the normal use of the mixture, medical assistance is not required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Mixture is not flammable, fire extinguisher adapted to fire in the area.

Unsuitable extinguishing media

Full stream of water.

5.2. Special hazards arising from the substance or mixture

The mixture contains components which react violently with water. Thermal decomposition at high temperatures or in the event of fire may result in hazardous decomposition products (COx). Do not inhale thermal decomposition products.

5.3. Advice for firefighters

Protective equipment adapt the nature of the fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not allow unauthorized persons to enter. Avoid contact with skin and eyes - use personal protective equipment.

6.2. Environmental precautions

Observe the usual environmental precautions. Avoid leakage into sewers, soil, surface and ground water. In case of leakage, inform the competent authorities of the state administration and the flow or sewerage manager.

6.3. Methods and material for containment and cleaning up

In the case of a small leak, mechanically remove the mixture, wipe the remainder with a cloth, contaminate the mixture and place the cloths in a sealing waste container and discard according to section 13. Always use personal protective equipment for disposal. Wash the contaminated area with water.

6.4. Reference to other sections

Recommended personal protective equipment according to section 8. Dispose of unused product according to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Follow the recommendations in the operating instructions. Ensure contact with eyes and skin, use personal protective equipment according to part 8. Ensure adequate ventilation of the work area. Ensure food confusion, avoid ingestion. Protect from open fire and heat sources. Observe the applicable health and safety legislation. Observe the principles of hygiene with chemicals, do not eat, drink, smoke. Wash hands with warm soapy water before breaks, meals, and after work.

7.2. Conditions for safe storage, including any incompatibilities

Store in original packages, in dry and well-ventilated areas. Storage temperature 5 - 40 °C. Protect from fire and direct sunlight. Protect from contact with water and excessive moisture. Keep out of the reach of children. Store away from food, drink and animal feed. Follow the instructions on the label.

Storage temperature min 5 °C, max 40 °C

7.3. Specific end use(s)

It is not.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture does not contain any constituents of national exposure limits specified in Annex 2, Government Decree 361/2007 Coll., As amended or European Union for Work Environment.

Czech Republic **Government Regulation 330/2023 Coll.**

Substance name (component)	Type	Value	Note
di-''isononyl'' phthalate (CAS: 28553-12-0)	PEL	3 mg/m³	
	PEL	0,17 ppm	
	NPK-P	10 mg/m³	
	NPK-P	0,57 ppm	
methanol - A small amount of methanol may be released during curing. (CAS: 67-56-1)	PEL	250 mg/m³	skin penetration is significantly involved during exposure
	PEL	188 ppm	
	NPK-P	1000 mg/m³	
	NPK-P	751 ppm	
carbon black (CAS: 1333-86-4)	PEL	3 mg/m³	
	NPK-P	15 mg/m³	
Dioctylbis(pentane-2,4-dionato-O,O')tin (CAS: 54068-28-9)	PEL	0,1 mg/m³	
	NPK-P	0,2 mg/m³	

Czech Republic **Government Regulation 41/2020 Coll.**

Substance name (component)	Type	Value	Note
carbon black (CAS: 1333-86-4)	PELc	10 mg/m³	
	PELc	2,0 mg/m³	

European Union **Commission Directive 2006/15/EC**

Substance name (component)	Type	Value	Note
methanol - A small amount of methanol may be released during curing. (CAS: 67-56-1)	OEL 8 hours	260 mg/m³	Skin

European Union **Commission Directive 2006/15/EC**

Substance name (component)	Type	Value	Note
methanol - A small amount of methanol may be released during curing. (CAS: 67-56-1)	OEL 8 hours	200 ppm	Skin

Biological limit values

Czech Republic **Decree No. 107/2017 Coll.**

Name	Parameter	Value	Tested material	Time of sampling
methanol - A small amount of methanol may be released during curing. (CAS: 67-56-1)	methanol	15 mg/l	Urine	End of shift
		0,47 mmol/l		

DNEL

carbon black					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	2 mg/m³	Chronic effects systemic		

di-''isononyl'' phthalate					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Dermal	366 mg/kg bw/day	Chronic effects systemic		
Workers	Inhalation	51.76 mg/m³	Chronic effects systemic		

Dioctylbis(pentane-2,4-dionato-O,O')tin					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Dermal	0.07 mg/kg bw/day	Chronic effects systemic		
Workers	Inhalation	84 mg/m³	Chronic effects systemic		
Workers	Inhalation	84 mg/m³	Chronic effects local		

N- (3- (trimethoxysilyl) propyl) Ethylenediamine					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Dermal	5 mg/kg bw/day	Chronic effects systemic		
Workers	Inhalation	35.5 mg/m³	Chronic effects systemic		

N-(2-Aminoethyl)-3-aminopropylmethyl-dimethoxysilan					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Dermal	1.7 mg/kg bw/day	Chronic effects systemic		
Workers	Inhalation	12 mg/m³	Chronic effects systemic		

trimethoxyvinylsilane					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Dermal	3.9 mg/kg bw/day	Chronic effects systemic		
Workers	Inhalation	27.6 mg/m³	Chronic effects systemic		

PNEC

carbon black			
Route of exposure	Value	Value determination	Source
Freshwater environment	5 mg/l		
Marine water	5 mg/l		

Dioctylbis(pentane-2,4-dionato-O,O')tin			
Route of exposure	Value	Value determination	Source
Microorganisms in sewage treatment	1 mg/l		
Freshwater environment	26 µg/l		
Marine water	2.6 µg/l		
Soil (agricultural)	0.0158 mg/kg		
Freshwater sediment	0.155 mg/kg		
Sea sediments	0.0155 mg/kg		

N- (3- (trimethoxysilyl) propyl) Ethylenediamine			
Route of exposure	Value	Value determination	Source
Microorganisms in sewage treatment	25 mg/l		
Freshwater environment	0.062 mg/l		
Marine water	0.0062 mg/l		

N-(2-Aminoethyl)-3-aminopropylmethyl-dimethoxysilan			
Route of exposure	Value	Value determination	Source
Microorganisms in sewage treatment	25 mg/l		
Freshwater environment	0.062 mg/l		
Marine water	0.006 mg/l		
Soil (agricultural)	0.01 mg/kg		
Freshwater sediment	0.24 mg/kg		
Sea sediments	0.024 mg/kg		

trimethoxyvinylsilane			
Route of exposure	Value	Value determination	Source
Microorganisms in sewage treatment	110 mg/l		
Freshwater environment	0.34 mg/l		
Marine water	0.034 mg/l		

8.2. Exposure controls

Ensure adequate ventilation or extraction of the work area. Avoid contact with skin and eyes. Observe hygiene measures for handling chemicals. Do not eat, drink or smoke while working. Wash hands with lukewarm water and soap before breaks, food and work. Adapt personal protective equipment to the nature of the work.

Eye/face protection

Closed safety glasses.

Skin protection

Protective work clothing; Take off contaminated clothing and wash before reuse. Protective gloves (eg: Nitrile 0.1 mm, breakthrough time 480 min.) - when selecting, follow the manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Test on site for first time use. Replace damaged gloves.

Respiratory protection

It is not needed. In case of insufficient ventilation or accident, use a mask with an organic vapor and aerosol filter type A/P2.

Thermal hazard

Not Specified. Avoid heating the mixture and exposure to elevated temperatures.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	solid
Colour	white
Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	>60 °C
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	21 mm²/s at 40 °C
Solubility in water	insoluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	
Density	1.58 g/cm³ at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available

9.2. Other information

Appearance	paste
Explosive properties	The product does not have explosive properties.

Explosive properties: The mixture does not show explosive properties.
Oxidizing properties: The mixture is not classified as oxidizing.
The mixture contains an ingredient that reacts violently with water.

SECTION 10: Stability and reactivity

10.1. Reactivity

In normal conditions, the mixture does not show dangerous reactions. The mixture contains a component classified as reacting violently with water.

10.2. Chemical stability

The mixture is stable under normal environmental conditions, storage and handling.

10.3. Possibility of hazardous reactions

The mixture does not exhibit dangerous reactions when the instructions for use are followed. It can react with water and air humidity.

10.4. Conditions to avoid

Contact with temperatures outside recommended working temperature range, frost, contact with water and air humidity.

10.5. Incompatible materials

Strong oxidizing agents, acids.

10.6. Hazardous decomposition products

In normal conditions, the mixture is not decomposed. Thermal decomposition at high temperatures may produce hazardous decomposition products (COx).

SECTION 11: Toxicological information

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

The mixture is not classified as dangerous in the sense of EC Regulation No. 1272/2008, as amended.

Acute toxicity

The mixture is not classified as acutely toxic by any way of exposure.

carbon black					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD_{50}	>8000 mg/kg		Rat	
Inhalation	LD_{50}	>4.6 mg/m³	4 hours	Rat	
Dermal	LD_{50}	>3 g/kg		Rabbit	

di-''isononyl'' phthalate					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD_{50}	>9750 mg/kg		Rat	
Inhalation	LD_{50}	>4.4 mg/l	4 hours	Rat	
Dermal	LD_{50}	>3160 mg/kg		Rabbit	

Dioctylbis(pentane-2,4-dionato-O,O')tin					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD_{50}	2500 mg/kg		Rat (Rattus norvegicus)	
Inhalation	LD_{50}	5.1 mg/l	4 hours	Rat (Rattus norvegicus)	
Dermal	LD_{50}	>2000 g/kg		Rat (Rattus norvegicus)	

N- (3- (trimethoxysilyl) propyl) Ethylenediamine					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD_{50}	2295 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD_{50}	>2000 mg/kg		Rat (Rattus norvegicus)	
Inhalation	LC_{50}	1.5-2.44 mg/l	4 hours	Rat (Rattus norvegicus)	

N-(2-Aminoethyl)-3-aminopropylmethyl-dimethoxysilan					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD_{50}	200-2000 mg/kg		Rat (Rattus norvegicus)	
Inhalation	LD_{50}	>5.2 mg/l	4 hours	Rat (Rattus norvegicus)	
Dermal	LD_{50}	>5000 mg/kg		Rabbit	

trimethoxyvinylsilane					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD_{50}	7120-7236 mg/kg		Rat	
Dermal	LD_{50}	3540 mg/kg		Rabbit	
Inhalation	LC_{50}	16.8 mg/l	4 hours	Rat	

Skin corrosion/irritation
Based on the available data, the classification criteria are not met.

Serious eye damage/irritation
Based on the available data, the classification criteria are not met.

Respiratory or skin sensitisation
Based on the available data, the classification criteria are not met. The mixture contains sensitizing components. The tests performed did not show a sensitizing effect. In the case of sensitive people, it can cause an allergic reaction.

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.

Toxicity for specific target organ - single exposure
Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure
Based on available data the classification criteria are not met.

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

More information
In the case of sensitive individuals may irritate the skin (redness, itching), in the case of direct inhalation into the eyes may irritate the eyes (redness, tearing, burning). Ingestion may cause nausea or abdominal pain.

11.2. Information on other hazards

It does not contain substances causing disruption of the endocrine system. In the case of sensitive individuals, it can irritate the skin (redness, itching), if it is rubbed directly into the eyes, it can irritate the eyes (redness, tearing, burning). Ingestion may cause nausea or abdominal pain.

SECTION 12: Ecological information

12.1. Toxicity

The mixture does not contain ingredients classified as dangerous for the environment.

Acute toxicity

carbon black				
Parameter	Value	Exposure time	Species	Environment
LC_{50}	>1000 mg/l	96 hours	Fish (Brachydanio rerio)	
LC_{50}	>5600 mg/l	24 hours	Invertebrates (Daphnia magna)	
EC_{50}	>10000 mg/kg	72 hours	Algae (Desmodesmus subspicatus)	

di-''isononyl'' phthalate				
Parameter	Value	Exposure time	Species	Environment
LC_{50}	>100 mg/l	96 hours	Fish (Brachydanio rerio)	
LC_{50}	>500 mg/l	48 hours	Invertebrates (Daphnia magna)	
EC_{50}	>500 mg/l	72 hours	Algae (Desmodesmus subspicatus)	

Dioctylbis(pentane-2,4-dionato-O,O')tin				
Parameter	Value	Exposure time	Species	Environment
LC_{50}	86 mg/l	96 hours	Fish (Danio rerio)	
LC_{50}	58.6 mg/l	24 hours	Invertebrates (Daphnia magna)	

N- (3- (trimethoxysilyl) propyl) Ethylenediamine				
Parameter	Value	Exposure time	Species	Environment
LC_{50}	597 mg/l	96 hours	Fish (Danio rerio)	
LC_{50}	81 mg/l	24 hours	Invertebrates (Daphnia magna)	

trimethoxyvinylsilane				
Parameter	Value	Exposure time	Species	Environment
LC_{50}	191 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
LC_{50}	168.7 mg/l	48 hours	Invertebrates (Daphnia magna)	
EC_{50}	>500 mg/l	72 hours	Algae (Desmodesmus subspicatus)	

More information

The ecotoxic effects of the mixture were not assessed. Do not allow liquid to enter drains or surface water.

12.2. Persistence and degradability

Data not available.

12.3. Bioaccumulative potential

Not determined, bioaccumulation is unlikely.

12.4. Mobility in soil

It's not mobile.

12.5. Results of PBT and vPvB assessment

The mixture does not contain substances from the PBT and vPvB groups according to Annex XIII of the REACH Regulation, as amended.

12.6. Endocrine disrupting properties

Substances with these properties in accordance with the criteria set out in Commission Regulation (EU) 2017/2100 or (EU) 2018/605 are not included.

12.7. Other adverse effects

Avoid leakage into sewers, soil and underground or surface water. Observe the usual environmental precautions.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Proceed in accordance with valid regulations on waste disposal. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

Packaging waste type code

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

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

SECTION 14: Transport information

14.1. UN number or ID number

not subject to transport regulations

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

Transport in packages that match the properties of the mixture. Observe the prescribed marking for cargo.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

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

Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). Commission Delegated Regulation (EU) 2021/849 of 11 March 2021 amending, for the purposes of adapting to technical and scientific progress, Part 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labeling and packaging of substances and mixtures. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as ammended.Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals.

Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

di-''isononyl'' phthalate

Restriction	Conditions of restriction
52	1. Shall not be used as substances or in mixtures, in concentrations greater than 0,1 % by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children. 2. Such toys and childcare articles containing these phthalates in a concentration greater than 0,1 % by weight of the plasticised material shall not be placed on the market. 4. For the purpose of this entry "childcare article" shall mean any product intended to facilitate sleep, relaxation, hygiene, the feeding of children or sucking on the part of children.

methanol - A small amount of methanol may be released during curing.

Restriction	Conditions of restriction
69	Shall not be placed on the market to the general public after 9 May 2019 in windscreen washing or defrosting fluids, in a concentration equal to or greater than 0,6 % by weight.

15.2. Chemical safety assessment

No chemical hazard assessment was performed for this mixture.

More information

This information only indicates the basic regulations listed in this Safety Data Sheet. Please note the possible existence of additional regulations supplementing these Regulations. We refer to all applicable national, international and local regulations and regulations.

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H370	Causes damage to organs.
H371	May cause damage to organs.
H301+H311+H331	Toxic if swallowed, in contact with skin or if inhaled.

Other important information about human health protection

The mixture should not be used for any purpose other than that for which it is intended (see point 1.2). Because the supplier can not control the specific conditions of use of the mixture, it is the responsibility of the user to adapt the prescribed warnings to local laws and regulations. Safety information describes the product in terms of safety and can not be considered as technical product information.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC_{50}	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association

IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC_{50}	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD_{50}	Lethal dose of a substance in which it can be expected death of 50% of the population
log Kow	Octanol-water partition coefficient
NPK	Maximum admissible concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible Exposure Limit
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Acute Tox.	Acute toxicity
Eye Dam.	Serious eye damage
Flam. Liq.	Flammable liquid
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

According to § 103 and § 104 of Act No. 262/2006 Coll., The Labor Code, as amended.

Recommended restrictions of use

The mixture should not be used for any purpose other than that for which it is intended (see point 1.2). Because the specific conditions of use of the substance are beyond the control of the supplier, it is the responsibility of the user to adapt the prescribed warnings to local laws and regulations. Safety information describes the product in terms of safety and can not be considered as technical product information.

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

Adaptation of BL updated Annex II of the REACH Regulation as amended by Commission Regulation (EU) 2020/878.

Statement

The safety data sheet contains the data needed to ensure safety and health at work and environmental protection. These data correspond to the current state of knowledge and experience and are in accordance with applicable legal regulations. They can not be considered as a guarantee of the suitability and usability of the product for a specific application. The user is responsible for the treatment under existing laws and regulations.