MEZ-PLAST 580

Safety data sheet according to Regulation (EC) No. 1907/2006

www.mez-technik.de info@mez-technik.de +49 (7072) 600980

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1	**Product identifier**
	MEZ-PLAST 580
1.2	**Relevant identified uses of the substance or mixture and uses advised against**
Use of the substance/mixture	Sealing
1.3	**Details of the supplier of the safety data sheet**
	MEZ-TECHNIK GmbH Bierwiesenstraße 7 72770 Reutlingen T: +49 (7072) 600980 F: +49 (7072) 6009860 info@mez-technik.com www.mez-technik.com
1.4	**Emergency telephone number**
Emergency CONTACT (24-Hour-Number)	GBK GmbH +49 (0)6132-84463

2. HAZARDS IDENTIFICATION

Classification (REGULATION (EC) No 1272/2008)	
Flammable liquids, Category 2	H225: Highly flammable liquid and vapour
Eye irritation, Category 2	H319: Causes serious eye irritation.
Specific target organ toxicity - single ex-posure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.

2.1	**Classification of the substance or mixture**
Classification (REGULATION (EC) No 1272/2008)	
Flammable liquids, Category 2	H225: Highly flammable liquid and vapour
Eye irritation, Category 2	H319: Causes serious eye irritation.
Specific target organ toxicity - single ex-posure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.

2.2	**Label elements**
Labelling (REGULATION (EC) No 1272/2008) Hazard pictograms:	
Signal word:	Danger

www.mez-technik.de info@mez-technik.de +49 (7072) 600980

Hazard statements:	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Supplemental Hazard Statements:	EUH066 Repeated exposure may cause skin dryness or cracking.
Precautionary statements:	**Prevention**: P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking P233: Keep container tightly closed. P261 : Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P280: Wear protective gloves/ protective clothing/ eye protec-tion/ face protection/ hearing protection. **Response**: P303 + P361 + P353 : IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P312: Call a POISON CENTER or doctor/physician if you feel unwell. P370 + P378 : In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Hazardous components which must be listed on the label

ethyl acetate
n-butyl acetate

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumula-tive and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to RE-ACH Article 57(f) or Commission Delegated regu-lation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

Chemical nature: Mixture of synthetic resins, organic solvents and pigments.

Hazardous components

Chemical Name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
ethyl acetate	141-78-6 205-500-4 607-022-00-5 01-2119475103-46	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 (Central nervous system) EUH066	>= 30 - < 50

www.mez-technik.de info@mez-technik.de +49 (7072) 600980

n-butyl acetate	123-86-4 204-658-1 607-025-00-1 01-2119485493-29	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) EUH066	>= 1 - < 10
ethanol	64-17-5 200-578-6 603-002-00-5 01-2119457610-43	Flam. Liq. 2; H225 Eye Irrit. 2; H319 specific concentration limit Eye Irrit. 2; H319 >= 50 %	>= 1 - < 10

For explanation of abbreviations see section 16

4. FIRST AID MEASURES

4.1	Description of first aid measures
General advice	In all cases of doubt, or when sickness symptoms persist, seek medica lattention. Never give anything by mouth to an unconscious person.
If inhaled	Remove to fresh air, keep patient warm and at rest. Irregular breathing/no breathing: artificial respiration. Remove to fresh air, keep patient warm and at rest. Irregular breathing/no breathing: artificial respiration
In case of skin contact	Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners!
In case of eye contact	Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice
If swallowed	Do NOT induce vomiting. If accidentally swallowed obtain immediate medical attention. Never give anything by mouth to an unconscious person. Keep at rest.
4.2	**Most important symptoms and effects, both acute and delayed**
Risks	Causes serious eye irritation. May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking.
4.3	**Indication of any immediate medical attention and special treatment needed**
Treatment	No information available.

5. FIREFIGHTING MEASURES

5.1	Extinguishing media
Suitable extinguishing media:	Alcohol resistant foam, CO2, powders, water spray
Unsuitable extinguishing media:	High volume water jet
5.2	**Special hazards arising from the substance or mixture**
Specific hazards during firefigthing:	Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

www.mez-technik.de info@mez-technik.de +49 (7072) 600980

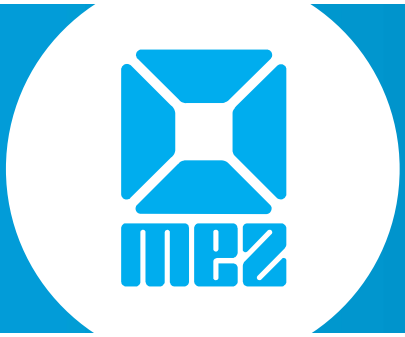
5.3	Advice for firefighters
Special protective equipment for firefighters:	Appropriate breathing apparatus may be required.
Further information:	Cool endangered containers with water in case of fire. DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO ENTER DRAINS OR WATER COURSES!!

6. ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures
Personal precautions:	Exclude sources of ignition and ventilate the area. Do not inhale vapours. Refer to protective measures listed in sections 7 and 8.
6.2	**Environmental precautions**
Environmental precautions:	Do not let product enter drains. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.
6.3	**Methods and materials for containment and cleaning up**
Methods for cleaning up:	Contain and collect spillage with noncombustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see chapter 13). Clean preferably with a detergent; avoid use of solvents.
6.4	**Reference to other sections**
	For personal protection see section 8.

7. HANDLING AND STORAGE

7.1	Precautions for safe handling
Advice on safe handling:	Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. Comply with the health and safety at work laws. Smoking, eating and drinking should be prohibited in the application area. Observe specific national regulations for handling and use of paints.
Advice on protection against fire and explosion:	The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Preparation may charge electrostatically: always use earthing leads whentransferring from one container to another. Operators should wear anti-static footwear and clothing. No sparking tools should be used. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air
7.2	**Conditions for safe storage, including any incompatibilities**
Requirements for storage areas and containers:	Electrical equipment should be protected to the appropriate standard. Floors should be of the conducting type. Keep container tightly closed. Never use pressure to empty: container isnot a pressure vessel. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Further information on storage conditions:	Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep container dry in a cool, well-ventilated place.
Advice on common storage:	Keep away from oxidising agents and strongly acid or alkaline materials.
Storage temperature:	5 - 35 °C



www.mez-technik.de info@mez-technik.de +49 (7072) 600980

7.3	Specific end use(s)
Specific use(s):	This information is not available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
ethyl acetate	141-78-6	STEL	400 PPM 1,468 MG/M3	2017/164/EU
	Further information: Indicative			
		TWA	200 PPM 734 MG/M3	2017/164/EU
	Further information: Indicative			
		TWA	200 PPM 734 MG/M3	GB EH40
		STEL	400 PPM 1,468 MG/M3	GB EH40
n-butyl acetate	123-86-4	TWA	150 PPM 724 MG/M3	GB EH40
		STEL	200 PPM 966 MG/M3	GB EH40
		STEL	150 PPM 723 MG/M3	2019/1831/EU
	Further information: Indicative			
		TWA	50 PPM 241 MG/M3	2019/1831/EU
	Further information: Indicative			
ethanol	64-17-5	TWA	1,000 PPM 1,920 MG/M3	GB EH40

Further information: Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used.

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

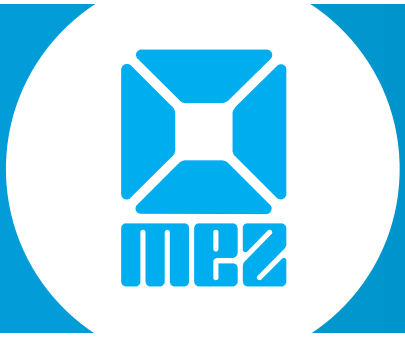
Substance name	End Use	Exposure routes	Potential health ef-fects	Value
ethyl acetate	Workers	Inhalation	Long-term systemic effects	734 mg/m3
	Workers	Dermal	Long-term systemic effects	63 mg/kg bw/day

www.mez-technik.de info@mez-technik.de +49 (7072) 600980

	Consumers	Inhalation	Long-term systemic effects	367 mg/m3
	Consumers	Dermal	Long-term systemic effects	37 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	4.5 mg/kg bw/day
n-butyl acetate	Workers	Inhalation	Long-term systemic effects	300 mg/m3
	Workers	Dermal	Long-term systemic effects	11 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	35.7 mg/m3
	Consumers	Dermal	Long-term systemic effects	6 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	2 mg/kg bw/day
ethanol	Workers	Inhalation	Long-term systemic effects	950 mg/m3
	Workers	Dermal	Long-term systemic effects	343 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	114 mg/m3
	Consumers	Dermal	Long-term systemic effects	206 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	87 mg/kg bw/day
ethyl acetate	Workers	Inhalation	Long-term systemic effects	734 mg/m3
	Workers	Dermal	Long-term systemic effects	63 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	367 mg/m3
	Consumers	Dermal	Long-term systemic effects	37 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	4.5 mg/kg bw/day
n-butyl acetate	Workers	Inhalation	Long-term systemic effects	300 mg/m3
	Workers	Dermal	Long-term systemic effects	11 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	35.7 mg/m3
	Consumers	Dermal	Long-term systemic effects	6 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	2 mg/kg
ethanol	Workers	Inhalation	Long-term systemic effects	950 mg/m3
	Workers	Dermal	Long-term systemic effects	343 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	114 mg/m3
	Consumers	Dermal	Long-term systemic effects	206 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	87 mg/kg bw/day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
ethyl acetate	Fresh water	0.24 mg/l
	Marine water	0.024 mg/l
	Fresh water sediment	1.15 mg/kg dry weight (d.w.)
	Marine sediment	0.115 mg/kg dry weight (d.w.)
	Sewage treatment plant	650 mg/l



www.mez-technik.de info@mez-technik.de +49 (7072) 600980

	Soil	0.148 mg/kg dry weight (d.w.)
n-butyl acetate	Fresh water	0.18 mg/l
	Marine water	0.0018 mg/l
	Fresh water sediment	0.981 mg/kg dry weight (d.w.)
	Marine sediment	0.098 mg/kg dry weight (d.w.)
	Sewage treatment plant	35.6 mg/l
	Soil	0.09 mg/kg dry weight (d.w.)
ethanol	Fresh water	0.96 mg/l
	Marine water	2.9 mg/kg dry weight (d.w.)
	Fresh water sediment	3.6 mg/kg dry weight (d.w.)
	Marine sediment	580 mg/l
	Sewage treatment plant	0.79 mg/l
	Soil	0.63 mg/kg dry weight (d.w.)
ethyl acetate	Fresh water	0.24 mg/l
	Marine sediment	0.024 mg/l
	Fresh water sediment	1.15 mg/kg dry weight (d.w.)
	Marine sediment	0.115 mg/kg dry weight (d.w.)
	Sewage treatment plant	650 mg/l
	Soil	0.148 mg/kg dry weight (d.w.)
n-butyl acetate	Fresh water	0.18 mg/l
	Marine sediment	0.0018 mg/l
	Fresh water sediment	0.981 mg/kg dry weight (d.w.)
	Marine sediment	0.098 mg/kg dry weight (d.w.)
	Sewage treatment plant	35.6 mg/l
	Soil	0.148 mg/kg dry weight (d.w.)
ethanol	Fresh water	0.96 mg/l
	Marine sediment	2.9 mg/kg dry weight (d.w.)
	Fresh water sediment	3.6 mg/kg dry weight (d.w.)
	Sewage treatment plant	580 mg/l
	Marine sediment	0.79 mg/l
	Soil	0.63 mg/kg dry weight (d.w.)

www.mez-technik.de info@mez-technik.de +49 (7072) 600980

8.2	Exposure controls
Engineering measures	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain aerosoland solvent vapours concentration below the OEL, suitable respiratory protection must be worn.
Personal protective equipment	
Eye protection	Wear safety goggles to protect against solvent splashes.
Hand protection - Remarks	Adhere to the professional organisation rule. Use of protective gloves.. Appropriate chemicals resistant glove tested in compliance with EN 374. Recommendation for protection against components generally found in the products: For short-term contact (i.e. splash protection): Appropriate material: nitrile rubber, Neoprene Material thickness: > 0,4 mm Breakthrough time: > 480 min Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer.s instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Preventive hand protection (skin protection cream) recommended. Wash immediately contaminated skin. Design operations thus to avoid permanent use of protective gloves.
Skin and body protection	Depending on the probability of the occurrence of dangerous-ly explosive atmospheres, adapted protective clothing must be worn.
Respiratory protection	If the solvent concentration is above the air limit values, a breathing apparatus approved for this purpose must be worn Use half-mask model with cartridge or air-fed. Dry grinding, torch cutting and/or welding however can pro-duce hazardous dust and/or vapour. If possible, machine employing a wet medium. Where practicable, install exhaust hoods to improve capture of vapours and fumes and avoid exposition; otherwise wear res-piratory protection equipment.
Protective measures	Do not eat or drink during work - no smoking. Avoid product contact with skin, eyes and clothing. Avoid the inhalation of dust from sanding, particulates and spray mist arising from the application of this preparation. When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to con-trol particulates and solvent vapour in all cases. In such cir-cumstances they should wear a compressed air-fed respira-tor during the spraying process until such time as the particu-lates and solvent vapour concentration has fallen below the exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties
Physical state:	liquid
Colour:	according product name

www.mez-technik.de info@mez-technik.de +49 (7072) 600980

Odour:	characteristic
Upper explosion limit	10 %(V)
Lower explosion limit	1 %(V)
Flash point	-4 °C Method: ISO 13736
Auto-ignition temperature	> 400 °C
Viscosity Flow time	> 150 s Cross section: 4 mm Method: DIN 53211 > 100 s Cross section: 6 mm Method: ISO 2431
Solubility(ies) Water solubility	insoluble
Vapour pressure	ca. 100 hPa (50 °C)
Density	ca. 1 g/cm3 (20 °C)

9.1	Other information
Miscibility with water	immiscible
Solvent separation	< 3 %(V)

10. STABILITY AND REACTIVITY

10.1	Reactivity
No decomposition if stored and applied as directed.	
10.2	**Chemical stability**
Stable under normal conditions.	
10.3	**Possibility of hazardous reactions**
Hazardous reactions	No dangerous reaction known under conditions of normal use. There are no data available on the preparation itself.
10.4	**Conditions to avoid**
Stable under recommended storage and handling conditions (See section 7).	
10.5	**Incompatible materials**
Materials to avoid	Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
10.6	**Hazardous decomposition products**
Other information	When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

www.mez-technik.de info@mez-technik.de +49 (7072) 600980

11. TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects
Acute toxicity	Not classified based on available information.
Skin corrosion/irritation	Repeated exposure may cause skin dryness or cracking.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	-
Skin sensitisation	Not classified based on available information
Respiratory sensitisation	Not classified based on available information.
Germ cell mutagenicity	Not classified based on available information.
Carcinogenicity	Not classified based on available information.
Reproductive toxicity	Not classified based on available information.
STOT - single exposure	May cause drowsiness or dizziness.
STOT - repeated exposure	Not classified based on available information.
Aspiration toxicity	Not classified based on available information.

11.2	Information on toxicological effects
Assessment	The substance/mixture does not contain components consid-ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Remarks	Exposure of vapour concentration in excess of the stated OEL's may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue muscular weakness, drowsiness and in extrem cases, loss of con-sciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and re-versible damage.

12. ECOLOGICAL INFORMATION

12.1	Toxicity
Ecotoxicology Assessment	
Acute aquatic toxicity	There are no data available on the preparation itself.

12.2	Persistence and degradability
Biodegradability	There are no data available on the preparation itself.

12.3	Bioaccumulative potential
Bioaccumulation	There are no data available on the preparation itself.

12.4	Mobility in soil
Mobility	There are no data available on the preparation itself.

www.mez-technik.de info@mez-technik.de +49 (7072) 600980

12.5	Results of PBT and vPvB assessment
Assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6	Endocrine disrupting properties
Assessment	The substance/mixture does not contain components consid-ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7	Other adverse effects
Additional ecological infor-mation	There are no data available on the preparation itself. The product should not be allowed to enter drains or water courses.

13. DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods
Product	The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.
Contaminated packaging	Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.
Waste key for the unused product	080111 waste paint and varnish containing organic solvents or other dangerous substances.

14. TRANSPORT INFORMATION

14.1 UN number or ID number	
ADR	UN 1263
IMDG	UN 1263
IATA	UN 1263

14.2 UN proper shipping name	
ADR	PAINT
IMDG	PAINT
IATA	PAINT

www.mez-technik.de info@mez-technik.de +49 (7072) 600980

14.3 Transport hazard class(es)

ADR	3
IMDG	3
IATA	3

14.4 Packing group

ADR

Packing group	III
Classification Code	F1
Hazard Identification Number	30
Labels	3
Tunnel restriction code	(E)
Remarks	If transported within the user's premises: To be transported always in closed, upright and safe containers. Make sure that persons handling these containers are aware of the rules of conduct in case of incident or spillage.

IMDG

Packing group	III
Labels	3
EmS Code	F-E, S-E

IATA (Cargo)

Packing instruction (cargo aircraft)	366
Packing group	III
Labels	Flammable Liquids

IATA (Passenger)

Packing instruction (passen-ger aircraft)	355
Packing instruction (LQ)	Y344
Packing group	III
Labels	Flammable Liquids

14.5 Environmental hazards

ADR

Environmentally hazardous	No

IMDG

Marine pollutant	No

www.mez-technik.de info@mez-technik.de +49 (7072) 600980

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and var-iations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

15. REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture
Relevant EU provisions transposed through retained EU law	
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	Conditions of restriction for the fol-lowing entries should be considered: Number on list 3
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	Conditions of restriction for the fol-lowing entries should be considered: Number on list 3
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	Not applicable
Volatile organic compounds	Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollu-tion prevention and control) Volatile organic compounds (VOC) content: 46.46 %, 465 g/l VOC content excluding water

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for the mixture.

16. OTHER INFORMATION

Full text of H-Statements

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

Full text of other abbreviations

Eye Irrit.	Eye irritation

MEZ-PLAST 580

Safety data sheet according to Regulation (EC) No. 1907/2006

www.mez-technik.de info@mez-technik.de +49 (7072) 600980

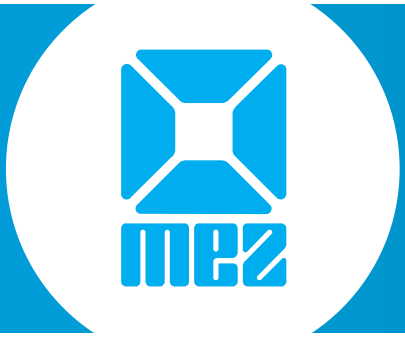
Flam. Liq.	Flammable liquids
STOT SE	Specific target organ toxicity - single exposure
2017/164/EU	Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values
2019/1831/EU	Europe. Commission Directive 2019/1831/EU establishing a fifth list of indicative occupational exposure limit values
GB EH40	UK. EH40 WEL - Workplace Exposure Limits
2017/164/EU / STEL	Short term exposure limit
2017/164/EU / TWA	Limit Value - eight hours
2019/1831/EU / TWA	Limit Value - eight hours
2019/1831/EU / STEL	Short term exposure limit
GB EH40 / TWA	Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL	Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Con-centration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concen-tration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - Interna-tional Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organiza-tion; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Stand-ardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Speci-fied; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic sub-stance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quanti-tative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Re-striction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information	The information given in this material safety data sheet does not release the user from its duty of risk assessment and con-trol in the work place defined in other health and safety law. Adhere to the national sanitary and occupational safety regu-lations when using this product.

Classification of the mixture:	Classification procedure
Flam. Liq. 2 H225	Based on product data or assessment



www.mez-technik.de info@mez-technik.de +49 (7072) 600980

Eye Irrit. 2 H319	Calculation method
STOT SE 3 H336	Calculation method

Department issuing safety data sheet.

UMCO Umwelt Consult GmbH
Georg-Wilhelm-Str. 183, D-21107 Hamburg
Phone: +49 (0)40 / 79 02 36 300 Fax: +49 (0)40 / 79 02 36 357
e-mail: umco@umco.de

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Revision Date 06.10.2021