according to Regulation (EC) No 1907/2006

	UltraCast Resin	
Revision date: 19.04.2023	Product code:	Page 1 of 12
SECTION 1: Identification of the	e substance/mixture and of the company/undertaking	
<u>1.1. Product identifier</u> UltraCast Resin		
Substance name:	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)	
REACH Registration Number: CAS No: Index No: EC No:	01-2119456619-26-XXXX 25068-38-6 603-074-00-8 500-033-5	
1.2. Relevant identified uses of the	substance or mixture and uses advised against	
Use of the substance/mixture Adhesives, sealants Uses advised against Any non-intended use.		
1.3. Details of the supplier of the s	afety data sheet	
Company name: Street: Place: Telephone: Responsible Department:	Etter Art GmbH Gmünder Str .65 D-73614 Schorndorf +49 (0) 159 - 06639395 shop@etter-art.com	
1.4. Emergency telephone <u>number:</u>	+49 (0) 159 - 06639395 (Mo-Fr, 08:00 - 15:00)	
Further Information Safety Data Sheet according	to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No 2020/878)	
SECTION 2: Hazards identificat	ion	
2.1. Classification of the substance Regulation (EC) No 1272/2008 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317	e or mixture	

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Aquatic Chronic 2; H411

Signal word: Warning

Pictograms:



Hazard sta	tements
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H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

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Safety Data Sheet

according to Regulation (EC) No 1907/2006

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Precautionary statements

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P391	Collect spillage.
P501	Dispose of contents/container to local/regional/national/international regulations.

2.3. Other hazards

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.1. Substances

Hazardous components

CAS No	Chemical name		Quantity	
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No	1272/2008)		
25068-38-6	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A- (epichlorhydrin)			50 - 100 %
	500-033-5 603-074-00-8 01-2119456619-26-			
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H315 H319 H317 H411			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. I	imits, M-factors and ATE	
25068-38-6		epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)	50 - 100 %
	dermal: LD50 = Irrit. 2; H319: >=	- >2000 mg/kg; oral: LD50 = >2000 mg/kg Skin Irrit. 2; H315: >= 5 - 100 Eye - 5 - 100	

Further Information

Product does not contain listed SVHC substances > 0.1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

After contact with skin

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting.

according to Regulation (EC) No 1907/2006

UltraCast Resin Revision date: 19.04.2023 Product code: Page 3 of 12 In all cases of doubt, or when symptoms persist, seek medical advice. 4.2. Most important symptoms and effects, both acute and delayed No information available. A.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically. SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. Alcohol resistant foam. Water fog.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon dioxide (CO2). Carbon monoxide (CO).

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

See protective measures under point 7 and 8.

For non-emergency personnel

Wear personal protection equipment (refer to section 8).

For emergency responders

No special measures are necessary.

6.2. Environmental precautions

Discharge into the environment must be avoided.

6.3. Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Wear personal protection equipment (refer to section 8).

Advice on protection against fire and explosion

Usual measures for fire prevention.

according to Regulation (EC) No 1907/2006

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Advice on general occupational hygien Always close containers tightly after t workplace. Wash hands before break	he removal of product. Do not eat, drink, smoke or s	neeze at the
Further information on handling General protection and hygiene meas	sures: refer to chapter 8	
7.2. Conditions for safe storage, including	any incompatibilities	
Requirements for storage rooms and v	essels	
Keep container tightly closed in a coo	ا, well-ventilated place.	
Hints on joint storage Do not store together with: Explosive substances. Food and animal feeding	s. Oxidizing solids. Oxidizing liquids. Radioactive sub stuff.	ostances. Infectious
Further information on storage condition	ons I to prevent contamination and absorbtion of humidity	у.

Recommended storage temperature: 20 °C

Protect against: frost. UV-radiation/sunlight. heat. Humidity

7.3. Specific end use(s)

See section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
25068-38-6	epoxy resin (number average molecular weight <= 700), re	eaction product: bisphen	ol-A-(epichlorhydrin)	
Worker DNEL,	acute	dermal	systemic	8,33 mg/kg bw/day
Worker DNEL,	long-term	dermal	systemic	8,33 mg/kg bw/day
Worker DNEL,	acute	inhalation	systemic	12,25 mg/m ³
Worker DNEL,	long-term	inhalation	systemic	12,25 mg/m ³
Consumer DNE	EL, long-term	dermal	systemic	3,571 mg/kg bw/day
Consumer DNE	EL, acute	dermal	systemic	3,571 mg/kg bw/day
Consumer DNE	EL, acute	oral	systemic	0,75 mg/kg bw/day
Consumer DNE	EL, long-term	oral	systemic	0,75 mg/kg bw/day
Consumer DNE	EL, long-term	inhalation	systemic	0,75 mg/m³
Consumer DNE	EL, acute	inhalation	systemic	0,75 mg/m³

PNEC values

CAS No	Substance	
Environmental compartment Value		Value
25068-38-6 epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)		
Freshwater 0,006 mg/l		0,006 mg/l
Freshwater (intermittent releases) 0,018 mg/l		0,018 mg/l
Marine water 0,0006 mg/l		0,0006 mg/l

according to Regulation (EC) No 1907/2006

	UltraCast Resin	
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Freshwater sediment		0,996 mg/kg
Marine sediment		0,0996 mg/kg
Secondary poisoning		11 mg/kg
Micro-organisms in sewage treatment plants (S	STP)	10 mg/l
Soil		0,196 mg/kg

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls





Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible).

Hand protection

Wear suitable gloves.

Suitable material: FKM (fluororubber). - Thickness of glove material: 0,4 mm

Breakthrough time >= 8 h

Butyl rubber. - Thickness of glove material: 0,5 mm

Breakthrough time >= 8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm

Breakthrough time >= 8 h

NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm

Breakthrough time >= 8 h

PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm

Breakthrough time >= 8 h

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The selected protective gloves have to satisfy the specifications of EU Directive EC/2016/425 and the standard EN 374 derived from it.

Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500 (D).

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection necessary at:

-Exceeding exposure limit values

-Insufficient ventilation and aerosol or mist formation

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). type: P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

according to Regulation (EC) No 1907/2006

	UltraCast Resin	
Revision date: 19.04.2023	Product code:	Page 6 of 12
Thermal hazards		
No special measures are necessary	Ι.	
Environmental exposure controls		
Do not allow uncontrolled discharge	e of product into the environment.	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and ch	emical properties	
Physical state:	liquid	
Colour:	colourless	
Odour:	weak	
Odour threshold:	not determined	
Melting point/freezing point:		-16 °C
Boiling point or initial boiling point and		> 200 °C
boiling range:		
Flammability:		not determined
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		> 150 °C
Auto-ignition temperature:		not determined
Decomposition temperature:		not determined
pH-Value:		7
Viscosity / kinematic:		not determined
Water solubility: (at 20 °C)		0,003 g/L
Solubility in other solvents		
not determined		
Dissolution rate:		not relevant
Partition coefficient n-octanol/water:		3,242
Dispersion stability:		not relevant
Vapour pressure:		not determined
Density (at 20 °C):		1,16 g/cm ³
Bulk density:		not determined
Relative vapour density:		not determined
Particle characteristics:		not relevant
9.2. Other information		
Information with regard to physical ha	azard classes	
Explosive properties		
none		
Sustaining combustion:		Not sustaining combustion
Self-ignition temperature		
Solid:		not determined
Oxidizing properties		
none		
Other safety characteristics		
Evaporation rate:		not determined
Solvent separation test:		not determined
Solvent content:		not determined
Solid content:		not determined
Sublimation point:		not determined not determined
Softening point: Pour point:		not determined

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Revision date: 19.04.2023	Product code:	Page 7 of 12
Viscosity / dynamic: (at 25 °C)	12000 - 15000 mPa·s	
Flow time:	not determined	
Further Information		
No information available.		
SECTION 10: Stability and reactivity		

10.1. Reactivity

No information available.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions. Refer to chapter 10.5.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

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

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name	-				
	Exposure route	Dose		Species	Source	Method
25068-38-6	epoxy resin (number aver	age molecul	ar weight <=	700), reaction product: bi	sphenol-A-(epichlorhydrin))
		LD50 mg/kg	>2000	Rat	ECHA Dossier	
		LD50 mg/kg	>2000	Rabbit.	ECHA Dossier	

Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

Sensitising effects

May cause an allergic skin reaction. (epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin))

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

according to Regulation (EC) No 1907/2006

	UltraCast Resin	
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Aspiration hazard Based on available data, the class	ification criteria are not met.	

Specific effects in experiment on an animal

No data available.

11.2. Information on other hazards

Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to humans.

Other information

No data available.

SECTION 12: Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method
25068-38-6	epoxy resin (number aver	age molecu	ılar weight <=	700), re	action product: bisphenol	-A-(epichlorhydrin)	
	Acute fish toxicity	LC50	1,2 mg/l	96 h	Oncorhynchus mykiss	ECHA Dossier	
	Acute algae toxicity	ErC50	9,4 mg/l		Scenedesmus capricornutum	ECHA Dossier	
	Acute crustacea toxicity	EC50	1,7 mg/l	48 h	Daphnia magna	ECHA Dossier	
	Crustacea toxicity	NOEC	0,3 mg/l	21 d	Daphnia magna	ECHA Dossier	

12.2. Persistence and degradability

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
25068-38-6	epoxy resin (number average molecular weight <= 700), reaction	n product: bisphenol-A-(ep	oichlorhy	drin)	
	OECD 301F / ISO 9408 / EEC 92/69 annex V, C.4-D 5% 28 ECHA Dossier				
	Not easily bio-degradable (according to OECD-criteria).				

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
25068-38-6	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A- (epichlorhydrin)	3,26

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

The aforementioned statement applies to substances contained in the product with a minimum content of 0.1%.

12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms. The aforementioned statement applies to substances contained in the product with a minimum content of 0.1%.

12.7. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

according to Regulation (EC) No 1907/2006

UltraCast Resin

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to (EWC) European Waste Catalogue, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to (EWC) European Waste Catalogue:

List of Wastes Code - residues/unused products

200127 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins containing hazardous substances; hazardous waste

List of Wastes Code - used product

200127 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:UN 308214.2. UN proper shipping name:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin))14.3. Transport hazard class(es):914.4. Packing group:IIIHazard label:9Classification code:M6Special Provisions:274 335 375 601Limited quantity:5 LExcepted quantity:E1Transport category:3Hazard No:90		
Image: Second	14.1. UN number or ID number:	UN 3082
14.4. Packing group:IIIHazard label:9Classification code:M6Special Provisions:274 335 375 601Limited quantity:5 LExcepted quantity:5 LExcepted quantity:E1Transport category:3Hazard No:90	14.2. UN proper shipping name:	(epoxy resin (number average molecular weight <= 700), reaction product:
Hazard label: 9 Classification code: M6 Special Provisions: 274 335 375 601 Limited quantity: 5 L Excepted quantity: 5 L Transport category: 3 Hazard No: 90	14.3. Transport hazard class(es):	9
Classification code:M6Special Provisions:274 335 375 601Limited quantity:5 LExcepted quantity:E1Transport category:3Hazard No:90	14.4. Packing group:	III
Special Provisions:274 335 375 601Limited quantity:5 LExcepted quantity:E1Transport category:3Hazard No:90	Hazard label:	9
Special Provisions:274 335 375 601Limited quantity:5 LExcepted quantity:E1Transport category:3Hazard No:90		
Limited quantity:5 LExcepted quantity:E1Transport category:3Hazard No:90	Classification code:	M6
Excepted quantity:E1Transport category:3Hazard No:90	Special Provisions:	274 335 375 601
Transport category:3Hazard No:90	Limited quantity:	5 L
Hazard No: 90	Excepted quantity:	E1
	Transport category:	3
	Hazard No:	90
Tunnel restriction code: -	Tunnel restriction code:	-
Inland waterways transport (ADN)	Inland waterways transport (ADN)	
14.1. UN number or ID number: UN 3082	14.1. UN number or ID number:	UN 3082
14.2. UN proper shipping name:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin))	14.2. UN proper shipping name:	(epoxy resin (number average molecular weight <= 700), reaction product:

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14.3. Transport hazard class(es):	9		
14.4. Packing group:	III		
Hazard label:	9		
Classification code:	M6		
Special Provisions:	274 335 375 601		
Limited quantity:	5 L		
Excepted quantity:	E1		
Marine transport (IMDG)			
14.1. UN number or ID number:	UN 3082		
14.2. UN proper shipping name:	ENVIRONMENTAL	LY HAZARDOUS SUBSTANCE, LIQUID, N.O.S	S.
		er average molecular weight <= 700), reaction p	roduct:
	bisphenol-A-(epichl	orhydrin))	
14.3. Transport hazard class(es):	9		
14.4. Packing group:	III		
Hazard label:	9		
	9		
Marine pollutant:	YES		
Special Provisions:	274 335 969		
Limited quantity:	5 L		
Excepted quantity: EmS:	E1 F-A, S-F		
	г-А, З-Г		
Air transport (ICAO-TI/IATA-DGR)			
<u>14.1. UN number or ID number:</u> 14.2. UN proper shipping name:	UN 3082	LY HAZARDOUS SUBSTANCE, LIQUID, N.O.S	,
14.2. ON proper snipping name:		er average molecular weight <= 700), reaction p	
	bisphenol-A-(epichl		
14.3. Transport hazard class(es):	9		
14.4. Packing group:	III		
Hazard label:	9		
	AIII),		
	9		
Special Provisions:	A97 A158 A197 A2	15	
Limited quantity Passenger:	30 kg G		
Passenger LQ:	Y964		
Excepted quantity:	E1		
IATA-packing instructions - Passenger:		964	
IATA-max. quantity - Passenger:		450 L	
IATA-packing instructions - Cargo:		964	
IATA-max. quantity - Cargo:		450 L	
14.5. Environmental hazards			
ENVIRONMENTALLY HAZARDOUS:	Yes	JV	
		< ¥₂>	
Danger releasing substance:	epoxy resin (numbe	r average molecular weight <= 700), reaction pr	oduct:
	bisphenol-A-(epichl		

according to Regulation (EC) No 1907/2006

	according to Regulation (EC) No 1907/2006	
	UltraCast Resin	
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14.6. Special precautions for user refer to chapter 6 - 8 14.7. Maritime transport in bulk according	to IMO instruments	
not relevant		
SECTION 15: Regulatory information		
15.1. Safety, health and environmental reg	ulations/legislation specific for the substance or mixture	
EU regulatory information Restrictions on use (REACH, annex XVII Entry 3, Entry 75):	
2010/75/EU (VOC):	not determined	
2004/42/EC (VOC): Information according to 2012/18/EU (SEVESO III):	not determined E2 Hazardous to the Aquatic Environment	
	lation (EC) No. 1907/2006 (amended by Regulation (EU) No 2020/878 ense of regulation (EC) No 1272/2008 (CLP). o.: 3	3)
National regulatory information		
Employment restrictions:	Observe restrictions to employment for juveniles according to the 'j work protection guideline' (94/33/EC).	juvenile
Water hazard class (D):	2 - obviously hazardous to water	
15.2. Chemical safety assessment		
-	nixture a chemical safety assessment has been carried out: lar weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)	
SECTION 16: Other information		
Changes Rev. 1,0; Initial release: 18.04.2023		
Abbreviations and acronyms		
-		
DNEL: Derived No Effect Level d: day(s)	ting Commercial chemical Substances	

ELINCS: European List of Notified Chemical Substances

ECHA: European Chemicals Agency

EWC: European Waste Catalogue

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

h: hour

LOAEL: Lowest observed adverse effect level

according to Regulation (EC) No 1907/2006

UltraCast Resin Revision date: 19.04.2023 Product code: Page 12 of 12 LOAEC: Lowest observed adverse effect concentration LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent NOAEL: No observed adverse effect level NOAEC: No observed adverse effect concentration NLP: No-Longer Polymers N/A: not applicable OECD: Organisation for Economic Co-operation and Development PNEC: predicted no effect concentration PBT: Persistent bioaccumulative toxic RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) REACH: Registration, Evaluation, Authorisation of Chemicals SVHC: substance of very high concern TRGS: Technische Regeln für Gefahrstoffe **UN: United Nations** VOC: Volatile Organic Compounds Relevant H and EUH statements (number and full text) H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.