





1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THECOMPANY/UNDERTAKING

1.1	Product identifier				
	Product name Product	Formfutura Platinum LCD Resin – Solid Colors			
		(Solid Black, Solid White, Solid Light Grey)			
1.2	Relevant identified uses of the sub	stance or mixture and uses advised against			
	Identified use	Photopolymer is monomer based on acrylic esters for DLP and/or LCD 3D printers with			
		UV-light systems.			
	Uses advised against	-			
1.3	Details of the supplier of the safety	v data sheet			
		Formfutura BV			
		Groenestraat 215 6531 HH Nijmegen			
		The Netherlands			
		Tel.: +31 (0) 85 002 0880 info@formfutura.com			
1.4	Emergency Telephone number				
		Emergency telephone number: 112 (General emergency telephone number EU)			
0 05071					
2. SECHO	ON 2: HAZARDS IDENTIFICATION	10N			
2.1					
	According to Regulation (EG) No. 1272/2008 [CLP]. Skin sens. Cat. 1 H317				
		tic chronic Cat. 4 H413			
2.2	Label elements				
	^				
	\• /				
	Signal word	Warning			
	Hazard statement(s)	H317: May cause an allergic skin reaction.			
		H413: May cause long-lasting harmful effects to aquatic life.			
	Precautionary statement(s)	P280: Wear protective gloves/protective clothing/eye protection/face protection. P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.			
		P272: Contaminated work clothing should not be allowed out of the workplace.			
		P273: Avoid release to the environment.			
		P302+P352: IF ON SKIN: Wash with plenty of water. P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.			
		P362+P364: Take off contaminated clothing and wash it before reuse.			
		P501: Dispose of contents/container in accordance with local/regional/national/ international regulation.			
2.3	Other hazards				

2.3

Not classified as PBT or vPvB.



SAFETY DATA SHEET Version: 26-06-2019



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

This product is a mixture.

3.2 Mixtures

Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.

According to Regulation (EG) Nr. 1272/2008 [CLP].

Hazardous ingredient(s)	%W/W	EINECS No.	Hazard Class and Category Code(s)	Hazard statement Code(s)
Methacrylic Oligomer	70 - 99	Proprietary	Aquatic chronic Cat. 4	H413
Glycol Methacrylate	≤9	212-782-2	Skin sens. Cat. 1 Eye irrit. Cat. 2	H317 H319
Phosphine Oxide	≤2,5	278-355-8	Skin sens. Cat. 1 Repr. Cat. 2 (fer.) Aquatic chronic Cat. 2	H317 H361f H411
Diisodecyl Phenyl Ester	<0,5	247-098-3	Skin sens. Cat. 1 Aquatic chronic Cat. 3	H317 H412

For full text of H phrases see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation IF INHALED: Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

- Skin Contact IF ON SKIN (or hair): Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if irritation or other symptoms occur after washing.
- Eye Contact IF IN EYES: Continue to rinse for at least 15 minutes under running water with eyelids held open. Get medical attention.
- Ingestion Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable get medical attention.

4.2 Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.

Indication of the immediate medical attention and special treatment needed
 Note to physician
 Treatment:
 Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media			
	Suitable Extinguishing Media	Water spray, dry powder, CO2.	
	Unsuitable Extinguishing Media	Water jet.	

5.2 Special hazards arising from the substance or mixture

Hazards during fire-fighting

Harmful vapours Evolution of fumes/fog

High temperatures may cause spontaneous polymerizing reaction generating heat/pressure. Closed containers may rupture or explode during a runaway polymerization. Use a water spray or fog to reduce temperature of containers.

5.3 Advice for fire-fighters Protective equipment

Wear a self-contained breathing apparatus and full protective clothing.

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SAFETY DATA SHEET

Version: 26-06-2019



SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures Use protective gloves, goggles and suitable protective clothing. In case of inadequate ventilation, use respiratory protection. Maximize ventilation after accidental release.

6.2 Environmental precautions

Contain contaminated water / firefighting water. Do not discharge into drains/surface waters/groundwater. Avoid release to the environment.

6.3 Methods and material for containment and cleaning up Remove sources of ignition. Absorb with sand or other inert absorbent. Spillage may be stored as chemical waste in approved area.

6.4 Reference to other sections

See section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from heat, sparks and open flame. Use mechanical ventilation in case of handling which causes formation of vapours. Handle and open container with care. Wear full protective clothing for prolonged exposure and/or high concentrations. Take precautionary measures against static discharges.

7.2 Conditions for safe storage, including any incompatibilities

Protect from light, including direct sunrays. Container may be filled for only 90%. Keep containers tightly closed, separate from oxidizing agents. Store in original container in a dry, cool and well-ventilated place. Store at temperatures between 5°C and 30°C. Do not expose to temperatures above 50°C for more than 24 hours. High temperatures may cause spontaneous polymerization.

7.3 Specific end use(s) None.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Substance	EC No.
Methacrylic Oligomer (100%)	Proprietary

DNEL (100% component)	Oral	Inhalation	Dermal
Worker – Long Term – Systemic effects	1	3,52 mg/m3	2 mg/kg

PNEC (100% component)	
Aquatic Compartment	Not applicable
Terrestrial Compartment	Not applicable

1 Toxicity: DNEL not established

Substance	EC No.
Glycol Methacrylate (100%)	212-782-2

DNEL (100% component)	Oral	Inhalation	Dermal
Worker – Long Term – Systemic effects	1	4,9 mg/m3	1,3 mg/kg

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Version: 26-06-2019



PNEC (100% component)	
Aquatic Compartment	10 mg/l (Fresh water) 0,482 mg/l (Sea water) 3,79 mg/kg dry weight (sediment)
Terrestrial Compartment	0,476 mg/kg dry weight

1 Toxicity: DNEL not established

Substance	EC No.
Phosphine Oxide (100%)	278-355-8

DNEL (100% component)	Oral	Inhalation	Dermal
Worker – Long Term – Systemic effects	1	3,5 mg/m3	1,0 mg/kg

PNEC (100% component)	
Aquatic Compartment	0,00353 mg/l (Fresh water) 0,000353 mg/l (Sea water) 0,29 mg/kg dry weight (sediment)
Terrestrial Compartment	0,0557 mg/kg dry weight

1 Toxicity: DNEL not established

Substance	EC No.
Diisodecyl Phenyl Ester (100%)	247-098-3

DNEL (100% component)	Oral	Inhalation	Dermal
Worker – Long Term – Systemic effects	1	70,5 mg/m3	50 mg/kg

PNEC (100% component)	
Aquatic Compartment	Not applicable
Terrestrial Compartment	Not applicable

1 Toxicity: DNEL not established

8.2 Exposure controls

Appropriate engineering controls

Do not eat, drink or smoke at the work place. Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Individual prote	ction measures, such	as personal	protective	equipment (PP	' E)

Eye/face protection	Wear eye/face protection. Wear approved chemical safety goggles where eyes exposure must be provided. High-efficiency particulate respirator with full face-piece.
Skin protection	Wear suitable gloves. Butyl and nitrile rubber gloves offer short-termprotection. Later surgical gloves offer little protection. Gloves should be stored correctly and changed regularly, especially if excessive exposure has occurred.
Respiratory protection	Wear suitable respiratory protective equipment if engineering controls are insufficient, or not present, and exposure to levels above the DNEL is ikely. A suitable mask with filter type A (EN141 or EN405) may be appropriate.



Other

Keep working clothes separately. Take off contaminated clothing immediately. Wash soiled clothing before reuse. Keep away from food, drinks and animal feed. Wash hands thoroughly after handling.

Environmental exposure controls

Ensure effective control measures when working within the boundaries as specified in section 6.2 of each GES.

SAFETY DATA SHEET

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1

Information on basic physical and chemical properties

Appearance	Viscous liquid - translucent (different colors possible)
Odour	Ester like
рН	Not applicable
Melting point	Not applicable
Boiling point	> 200°C
Flash point	> 150°C
Flammable Limits (lower) (%v/v)	Not applicable
Vapour pressure	-
Solubility (Water)	Not soluble
Solubility	Good solubility with most organic solvents
Auto ignition temperature	380°C
Explosive properties	Not applicable
Oxidising properties	Not applicable
Relative density	1.1 - 1.2 (water = 1)
Viscosity	1-2 Pa•s
Other information	

9.2 Other information None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

See part 10.2.

10.2 Chemical stability

Stable under normal temperature conditions. Stable if stored and handles as prescribed/indicated.

10.3 Possibility of hazardous reactions

Hazardous polymerization. May polymerize.

10.4 Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid contact with free radical initiators. Avoid contact with isocyanates and oxidizing agents. Avoid contact with vinyl polymerization initiators. Avoid exposure to high temperatures, direct sunlight or ultra violet (UV) radiation.

10.5 Incompatible materials

Avoid contact with radical forming initiators, peroxides, strong alkalies or reactive metals to prevent exothermic polymerization.

10.6 Hazardous Decomposition Product(s)

With regard to possible decomposition products refer to Section 5.Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects <u>Stable</u> <u>Acute toxicity:</u>

<u>Methacrylic Oligomer (100%)</u>
LD50 acute oral rat
LD50 acute dermal rabbit
Skin irritation (rabbit, 24 h, Draize)
Eye irritation (rabbit, Draize)
Inhalation/skin sensitisation (guinea pig, GPMT)
Aspiration Hazard

>2000 mg/kg >2000 mg/kg Non-irritating Non-irritating No sensitization No aspiration hazard expected



Glycol Methacrylate (100%)

SAFETY DATA SHEET

Version: 26-06-2019



	Giycol Methacrylate (100%)			
	LD50 acute oral rat		> 5000 mg/kg	
	LD50 acute dermal rabbit		> 5000 mg/kg	
	Skin irritation (rabbit, 24 h, Draize)		non-irritant	
	Eye irritation (rabbit, Draize)		Irritating	
	Inhalation (guinea pig, GPMT)		Sensitizing	
	Aspiration Hazard		no aspiration hazard expected	
	Chronic toxicity oral rat (OESO 422)		> 100 mg/kg	
			No suspicion of a toxic effect on reproduction	
	Reproductive toxicity (animal studies)			
	Phosphine Oxide (100%)			
	LD50 acute dermal rat:		> 2000 mg/kg	
	Skin irritation (rabbit, 24 h, Draize)		Non-irritant	
	Eye irritation (rabbit, Draize)		Non-irritant	
	Skin sensitation mouse LLNA (OESO 429)		Sensitizing	
	Aspiration Hazard		No aspiration hazard expected	
	Chronic toxicity (animal studies)		May cause damage after repeated ingestion of high doses	
	Reproductive toxicity (animal studies)		Suggest a fertility impairing effect	0
	Diisodecyl Phenyl Ester (100%)		5000 //	
	LD50 acute oral rat:		> 5000 mg/kg	
	LD50 acute dermal rabbit		> 2000 mg/kg	
	Skin irritation (rabbit, 24 h, Draize)		Not classified based on available data	
	Eye irritation (rabbit, Draize) Inhalation/skin sensitation (guinea pig, GP/	(T)	Not classified based on available data	
	Aspiration Hazard	v(1)	May cause an allergic skin reaction Not classified based on available data	
	Reproductive toxicity (animal studies)		Not classified based on available dataSECTION	12 FCOLOGICAL
	INFORMATION			
12.1	Toxicity			
	<u>Methacrylic Oligomer (100%)</u>			
	Toxicity to fish (mg/l)	LL50 (96 h) (Oncorhyr	nchus mykiss) (OESO 203)	>100
	Aquatic invertebrates (mg/l)	EL50 (72 h) (Daphnia	magna) (OESO 202)	>100
	Aquatic plants (mg/l)	EL50 (72 h) (Pseudoki	rchneriella subcapitata) (OECD 201) NOEC	>100
			apricornutum) (OESO 201) NOEC (28 d)	>100
	Microorganisms (mg/l)	(Activated suldge) (DE	v L8)	14,3
				·
	<u>Glycol Methacrylate (100%)</u>	LC50 (96 h) (Oryzias latipes) (OESO 203)		
		LCJU (70 II) (OTYZIUS I	latipes) (OESO 203)	>100
	Toxicity to fish (mg/l)			
	Toxicity to fish (mg/l) Aquatic invertebrates (mg/l)	NOEC (21 d) (Daphni	ia magna) (OESO 202)	24,1
	Aquatic invertebrates (mg/l)	NOEC (21 d) (Daphni EC50 (48 h) (Daphnia	ia magna) (OESO 202) 1 magna) (OESO 202)	24,1 380
	, (), ,	NOEC (21 d) (Daphni EC50 (48 h) (Daphnic EC50 (72 h) (Selenast	ia magna) (OESO 202) 1 magna) (OESO 202) rum capricornutum) (OESO 201)	24,1 380 836
	Aquatic invertebrates (mg/l) Aquatic plants (mg/l)	NOEC (21 d) (Daphni EC50 (48 h) (Daphnic EC50 (72 h) (Selenast NOEC (72 h) (Selenas	ia magna) (OESO 202) a magna) (OESO 202) rum capricornutum) (OESO 201) strum capricornutum) (OESO 201)	24,1 380 836 400
	Aquatic invertebrates (mg/l)	NOEC (21 d) (Daphni EC50 (48 h) (Daphnic EC50 (72 h) (Selenast NOEC (72 h) (Selenas	ia magna) (OESO 202) 1 magna) (OESO 202) rum capricornutum) (OESO 201)	24,1 380 836
	Aquatic invertebrates (mg/l) Aquatic plants (mg/l) Microorganisms (mg/l)	NOEC (21 d) (Daphni EC50 (48 h) (Daphnic EC50 (72 h) (Selenast NOEC (72 h) (Selenas EC50 (16 h) (Pseudon	ia magna) (OESO 202) a magna) (OESO 202) rum capricornutum) (OESO 201) strum capricornutum) (OESO 201) nonas fluorescens) (DEV L8)	24,1 380 836 400 >3,000
	Aquatic invertebrates (mg/l) Aquatic plants (mg/l)	NOEC (21 d) (Daphni EC50 (48 h) (Daphnic EC50 (72 h) (Selenast NOEC (72 h) (Selenas EC50 (16 h) (Pseudon	ia magna) (OESO 202) a magna) (OESO 202) rum capricornutum) (OESO 201) strum capricornutum) (OESO 201)	24,1 380 836 400
	Aquatic invertebrates (mg/l) Aquatic plants (mg/l) Microorganisms (mg/l) <u>Phosphine Oxide (100%)</u>	NOEC (21 d) (Daphni EC50 (48 h) (Daphnic EC50 (72 h) (Selenast NOEC (72 h) (Selenas EC50 (16 h) (Pseudon	ia magna) (OESO 202) a magna) (OESO 202) rum capricornutum) (OESO 201) strum capricornutum) (OESO 201) nonas fluorescens) (DEV L8) anio rerio) (OESO 203)	24,1 380 836 400 >3,000
	Aquatic invertebrates (mg/l) Aquatic plants (mg/l) Microorganisms (mg/l) <u>Phosphine Oxide (100%)</u> Toxicity to fish (mg/l)	NOEC (21 d) (Daphni EC50 (48 h) (Daphni EC50 (72 h) (Selenast NOEC (72 h) (Selenast EC50 (16 h) (Pseudon LC50 (96 h) (Brachydd EC50 (48 h) (Daphnia	ia magna) (OESO 202) a magna) (OESO 202) rum capricornutum) (OESO 201) strum capricornutum) (OESO 201) nonas fluorescens) (DEV L8) anio rerio) (OESO 203)	24,1 380 836 400 >3,000
	Aquatic invertebrates (mg/l) Aquatic plants (mg/l) Microorganisms (mg/l) <u>Phosphine Oxide (100%)</u> Toxicity to fish (mg/l) Aquatic invertebrates (mg/l)	NOEC (21 d) (Daphni EC50 (48 h) (Daphni EC50 (72 h) (Selenast NOEC (72 h) (Selenast EC50 (16 h) (Pseudon LC50 (96 h) (Brachydd EC50 (48 h) (Daphnia	ia magna) (OESO 202) a magna) (OESO 202) rum capricornutum) (OESO 201) strum capricornutum) (OESO 201) nonas fluorescens) (DEV L8) anio rerio) (OESO 203) a magna) (OECD 202) esmus subspicatus) (OECD 201)	24,1 380 836 400 >3,000 >90 >1175
	Aquatic invertebrates (mg/l) Aquatic plants (mg/l) Microorganisms (mg/l) <u>Phosphine Oxide (100%)</u> Toxicity to fish (mg/l) Aquatic invertebrates (mg/l) Aquatic plants (mg/l)	NOEC (21 d) (Daphnia EC50 (48 h) (Daphnia EC50 (72 h) (Selenast NOEC (72 h) (Selenast EC50 (16 h) (Pseudon LC50 (96 h) (Brachydd EC50 (48 h) (Daphnia EC50 (72 h) (Desmod	ia magna) (OESO 202) a magna) (OESO 202) rum capricornutum) (OESO 201) strum capricornutum) (OESO 201) nonas fluorescens) (DEV L8) anio rerio) (OESO 203) a magna) (OECD 202) esmus subspicatus) (OECD 201)	24,1 380 836 400 >3,000 >90 >1175 >260
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	Aquatic invertebrates (mg/l) Aquatic plants (mg/l) Microorganisms (mg/l) <u>Phosphine Oxide (100%)</u> Toxicity to fish (mg/l) Aquatic invertebrates (mg/l) Aquatic plants (mg/l) Microorganisms (mg/l)	NOEC (21 d) (Daphni EC50 (48 h) (Daphni EC50 (72 h) (Selenast NOEC (72 h) (Selenast EC50 (16 h) (Pseudon LC50 (96 h) (Brachydd EC50 (48 h) (Daphni EC50 (72 h) (Desmod EC50 (3 h) (Activated	ia magna) (OESO 202) a magna) (OESO 202) rum capricornutum) (OESO 201) strum capricornutum) (OESO 201) nonas fluorescens) (DEV L8) anio rerio) (OESO 203) a magna) (OECD 202) esmus subspicatus) (OECD 201)	24,1 380 836 400 >3,000 >90 >1175 >260
	Aquatic invertebrates (mg/l) Aquatic plants (mg/l) Microorganisms (mg/l) <u>Phosphine Oxide (100%)</u> Toxicity to fish (mg/l) Aquatic invertebrates (mg/l) Aquatic plants (mg/l) Microorganisms (mg/l) <u>Diisodecyl Phenyl Ester (100%)</u>	NOEC (21 d) (Daphni EC50 (48 h) (Daphni EC50 (72 h) (Selenast NOEC (72 h) (Selenas EC50 (16 h) (Pseudon LC50 (96 h) (Brachydd EC50 (48 h) (Daphnia EC50 (72 h) (Desmod EC50 (3 h) (Activated	ia magna) (OESO 202) a magna) (OESO 202) rum capricornutum) (OESO 201) strum capricornutum) (OESO 201) nonas fluorescens) (DEV L8) anio rerio) (OESO 203) a magna) (OECD 202) esmus subspicatus) (OECD 201)	24,1 380 836 400 >3,000 >90 >1175 >260
	Aquatic invertebrates (mg/l) Aquatic plants (mg/l) Microorganisms (mg/l) <u>Phosphine Oxide (100%)</u> Toxicity to fish (mg/l) Aquatic invertebrates (mg/l) Aquatic plants (mg/l) Aquatic plants (mg/l) Microorganisms (mg/l) Microorganisms (mg/l) Microorganisms (mg/l) Microorganisms (mg/l) Microorganisms (mg/l) Harmful to aquatic life with long lasting eff	NOEC (21 d) (Daphni EC50 (48 h) (Daphni EC50 (72 h) (Selenast NOEC (72 h) (Selenast EC50 (16 h) (Pseudon LC50 (96 h) (Brachydd EC50 (48 h) (Daphnia EC50 (72 h) (Desmod EC50 (3 h) (Activated	ia magna) (OESO 202) a magna) (OESO 202) rum capricornutum) (OESO 201) strum capricornutum) (OESO 201) nonas fluorescens) (DEV L8) anio rerio) (OESO 203) a magna) (OECD 202) esmus subspicatus) (OECD 201) sludge) (DEC L8)	24,1 380 836 400 >3,000 >90 >1175 >260 >100

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Version: 26-06-2019



Persistence and degradability Methacrylic Oligomer (100%) poorly biodearadable. Elimination information: 24% after 28 d (OESO 301D) 54% after 63 d (OESO 301D) Glycol Methacrylate (100%) Easy biodegradable. Elimination information: 84% DOC reduction (28 d) (OESO 301 D) Phosphine Oxide (100%) Poorly biodegradable. Not readily biodegradable (by OECD criteria) Elimination information: < 20% BOD of the ThOD (28 d) (OECD 301 F) (activated sludge) Diisodecyl Phenyl Ester (100%) Biodegradable **Bioaccumulative potential** Methacrylic Oligomer (100%) Possible bioaccumulative. Glycol Methacrylate (100%) Accumulation in organisms is not to be expected. Phosphine Oxide (100%) Does not significantly accumulate in organisms Bioconcentration factor: 23 – 55 (56 d), Cyprinus carpio (measured): does not significantly accumulate in organisms. Diisodecyl Phenyl Ester (100%) Partition coefficient, n-octanol/water (log Pow): 8,52 - 12,31 Mobility in soil Methacrylic Oligomer (100%) Soluble in water. Adsorption: water - Log Koc: 3,88 Glycol Methacrylate (100%) The substance will not evaporate into the atmosphere from the water surface. Adsorption to solid soil phase is not expected. Phosphine Oxide (100%) The substance will not evaporate into the atmosphere from the water surface. Adsorption to solid soil phase is not expected. Benzoxazole (100%) No data available. Diisodecyl Phenyl Ester (100%) No further relevant information available. Results of PBT and vPvB assessment Methacrylic Oligomer (100%) PBT: no vPvB: no Glycol Methacrylate (100%) PBT: no vPvB: no Phosphine Oxide (100%) PBT: no vPvB: no

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<u>Diisodecyl Phenyl Ester (100%)</u> No data available

12.6 Other adverse effects

<u>Methacrylic Oligomer (100%)</u> Not applicable.

<u>Glycol Methacrylate (100%)</u> Do not allow to enter soil, waterways or waste water channels.

<u>Phosphine Oxide (100%)</u> Not applicable

<u>Diisodecyl Phenyl Ester (100%)</u> No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with national, state and local regulations. Incinerate under approved controlled conditions, using incinerators for the disposal for organic chemicals. Decontaminate empty drums before recycling.

SAFETY DATA SHEET

SECTION 14: TRANSPORT INFORMATION

14.1 UN-Nummer

Not classified as a dangerous good under transport regulations.

- 14.2 UN Proper Shipping Name Not applicable.
- **14.3** Transport hazard class(es) Not applicable.
- 14.4 Packing group Not applicable.
- 14.5 Environmental hazards Toxic to aquatic life with long lasting effects.
- 14.6 Special precautions for user
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture If information other than the information in relation to safety, health and environmental regulations / legislation what is mentioned elsewhere in this Safety Data Sheet is required, please use the information listed in Section 1 to inquire whether that specific information is available. Related information about the separate components in the mixture can be accessed the same way.
 - Chemical Safety Assessment A Chemical Safety Assessment has been carried out for the following individual components (100%): Glycol Methacrylate, Diisodecyl Phenyl Ester.

SECTION 16: OTHER INFORMATION

15.2

This Safety Data Sheet was prepared in accordance with EC Regulation (EC) No. 453/2010.

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed only as 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.



SAFETY DATA SHEET



LEGEND

Note: Not all of the following are necessarily contained in this Safety Data Sheet.

IOELV: Indicative Occupational Exposure Limit Value. **WEL:** Workplace Exposure Limit. **Sen:** Capable of causing respiratory sensitization.

Sk: Can be absorbed through skin.
Carc: Capable of causing cancer and/or heritable genetic damage.
LTEL: Long Term Exposure Limit.
STEL: Short Term Exposure Limit.
TWA: Time Weighted Average.
STOT SE: Specific Target Organ Toxicity – Single Exposure.
Repr.: Reproductive toxicity.
Aquatisch acute/chronic: Hazardous to the aquatic environment.

Full text of H/P/R phrases

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H361f: Suspected of damaging fertility.

H411: Toxic to aquatic life with long-lasting effects.

H412: Harmful to aquatic life with long lasting effects.

H413: May cause long-lasting harmful effects to aquatic life.

P261: Avoid breathing vapours.

P264: Wash (hands and exposed skin) thoroughly after handling.

P272: Contaminated work clothing should not be allowed out of the workplace.

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.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.

P362 + P364: Take off contaminated clothing and wash it before reuse.

P501: Dispose of contents/container to hazardous waste in accordance with local, state or national legislation. Incinerate under approved controlled conditions, using incinerators suitable for the disposal of flammable organics.