# SAFETY DATA SHEET

Version #: 07 Issue date: 07-12-2019 Revision date: 08-03-2023 Supersedes date: 07-16-2023

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

1.1. Product identifier	
Trade name or designation	PLEXUS® MA530 Adhesive
of the mixture	
Registration number	-
Synonyms	None.
SKU#	0539
1.2. Relevant identified uses of t	he substance or mixture and uses advised against
Identified uses	Not available.
Uses advised against	None known.
1.3. Details of the supplier of the	safety data sheet
Company Name	ITW Performance Polymers
Address	Bay 150
	Shannon Industrial Estate
	Co. Clare
	Ireland
	V14 DF82
Contact Person	Customer Service
Telephone Number	353(61)771500
Europit	353(61)471285
Email	customerservice.shannon@itwpp.com
Emergency Phone Number	44(0) 1235 239 670 (24 hours)
1.4. Emergency telephone numb General in EU	112 (Available 24 hours a day. SDS/Product information may not be available for
	the Emergency Service.)
Austria National Poisons Information Center	+431 406 4343 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Belgium National Poisons Control Center	070 245 245 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Bulgaria National Toxicological Information Center	+359 2 9154 233 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Croatia Poisons Information Center	+385 1 2348 342 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
Cyprus Poison Center	1401 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Czech Republic National Poisons Information Center	+420 224 919 293, or +420 224 915 402 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
Denmark National Poisons Control Center	+45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Estonia National Poisons Information Center	16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on national holidays). SDS/Product information may not be available for the Emergency Service.)
Finland National Poison Information Center	(09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
France National Poisons Control Center	ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

1.4. Emergency telephone numb	er
Greece Poison Information Centre	(0030) 2107793777 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Hungary National Emergency Phone Number	+36-80-201-199 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Iceland Poison Center	(+354) 543 2222 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Latvia Emergency medical aid	113
Latvia Poison and Drug Information Center	+371 67042473 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Lithuania Neatidėliotina informacija apsinuodijus	+370 5 236 20 52 or +37068753378 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
Malta Accident and Emergency Department	2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
Netherlands National Poisons Information Center (NVIC)	NVIC: +31 (0)88 755 8000 (Only for the purpose of informing medical personnel in cases of acute intoxications)
Norway Norwegian Poison Information Center	22 59 13 00 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Portugal Poison Center	800 250 250 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Romania Biroul RSI si Informare Toxicologica	021.318.36.06 (Available 8:00AM-3:00PM. SDS/Product information may not be available for the Emergency Service.)
Slovakia National Toxicological Information Center	+421 2 5477 4166 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Spain Toxicology Information Service	+ 34 91 562 04 20 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Sweden National Poison Information Center	112 - and ask for Poison Information (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Switzerland Tox Info Suisse	145 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

# **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

# Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards Flammable liquids	Category 2	H225 - Highly flammable liquid and vapor.
Health hazards		
Skin corrosion/irritation	Category 2	H315 - Causes skin irritation.
Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
Skin sensitization	Category 1	H317 - May cause an allergic skin reaction.
Environmental hazards		
Hazardous to the aquatic environment, long-term aquatic hazard	Category 3	H412 - Harmful to aquatic life with long lasting effects.

# 2.2. Label elements

# Label according to Regulation (EC) No. 1272/2008 as amended UFI:

Austria: WF90-H0R6-8006-KA6S Belgium: WF90-H0R6-8006-KA6S Bulgaria: WF90-H0R6-8006-KA6S Croatia: WF90-H0R6-8006-KA6S Cyprus: WF90-H0R6-8006-KA6S Czech Republic: WF90-H0R6-8006-KA6S Denmark: WF90-H0R6-8006-KA6S Estonia: WF90-H0R6-8006-KA6S EU: WF90-H0R6-8006-KA6S Finland: WF90-H0R6-8006-KA6S France: WF90-H0R6-8006-KA6S Germany: WF90-H0R6-8006-KA6S Greece: WF90-H0R6-8006-KA6S Hungary: WF90-H0R6-8006-KA6S Iceland: WF90-H0R6-8006-KA6S Ireland: WF90-H0R6-8006-KA6S Italy: WF90-H0R6-8006-KA6S Latvia: WF90-H0R6-8006-KA6S Lithuania: WF90-H0R6-8006-KA6S Luxembourg: WF90-H0R6-8006-KA6S Malta: WF90-H0R6-8006-KA6S Netherlands: WF90-H0R6-8006-KA6S Norway: WF90-H0R6-8006-KA6S Poland: WF90-H0R6-8006-KA6S Portugal: WF90-H0R6-8006-KA6S Romania: WF90-H0R6-8006-KA6S Slovakia: WF90-H0R6-8006-KA6S Slovenia: WF90-H0R6-8006-KA6S Spain: WF90-H0R6-8006-KA6S Sweden: WF90-H0R6-8006-KA6S

Contains:

CHLOROSULFINATED POLYETHLENE, dodecyl methacrylate, maleic acid, methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate, monoalkyl or monoaryl or monoalkyaryl esters of methacrylic acid with the exception of those specified elsewhere in this Annex, monoalkyl or monoaryl or monoalkyaryl esters of methacrylic acid with the exception of those specified elsewhere in this Annex, Poly(2-chloro-1,3-butadiene), POLY(OXY-1,2-ETHANEDIYL), .ALPHA.-(2-METHYL-1-OXO-2-PROPENYL)-.OMEGA.-METHOXY-

### Hazard pictograms

#### Signal word

### **Hazard statements**

	Liberty Access to the Barriel and some an
H225	Highly flammable liquid and vapor.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects

Danger

### Precautionary statements

Prevention	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P235	Keep cool.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P261	Avoid breathing mist/vapors.
P264	Wash 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/hearing protection.
Response	
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
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 P337 + P313 P362 + P364 P370 + P378	If eye irritation per Take off contamin	rash occurs: Get med sists: Get medical ad ated clothing and wa e appropriate media t	sh it before reuse.		
<b>Storage</b> P403 + P235	Store in a well-ver	ntilated place. Keep c	ool.		
Disposal					
P501	Dispose of conten	ts/container in accord	lance with local/regional/na	tional/internationa	l regulations.
Supplemental label information	None.				
2.3. Other hazards	(EC) No 1907/200 established in acc	6, Annex XIII. The m	es assessed to be vPvB / F ixture does not contain any I Article 59(1) for having end 0.1% by weight.	substances includ	led in the list
<b>SECTION 3: Composition</b> /	information on	ingredients			
3.2. Mixtures					
General information					
Chemical name	%	CAS-No. / EC No.	<b>REACH Registration No.</b>	Index No.	Notes
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	40 - < 50	80-62-6 201-297-1	01-2119452498-28-0000	607-035-00-6	#
	3;H335		l315, Skin Sens. 1;H317, S <sup>−</sup>	TOT SE	
Specific Concentration	Limits: STOT SE 3	3;H335: C ≥ 10 %			
dodecyl methacrylate	5 - < 10	142-90-5 205-570-6	-	607-247-00-9	
Classifi	cation: Skin Irrit. 2	;H315, STOT SE 3;H	335		
Specific Concentration	Limits: STOT SE 3	3;H335: C ≥ 10 %			
Poly(2-chloro-1,3-butadiene)	5 - < 10	9010-98-4 -	-	-	
Classifi	cation: -				
monoalkyl or monoaryl or monoalkyaryl esters of methac acid with the exception of thos specified elsewhere in this Anr	e	2495-27-4 219-672-3	-	607-134-00-4	
Classifi Specific Concentration		•	19, STOT SE 3;H335		
POLY(OXY-1,2-ETHANEDIYL .ALPHA(2- METHYL-1-OXO-2-PROPENY EGAMETHOXY- Classifi		26915-72-0 -	-	-	
CHLOROSULFINATED	1 - < 3	68037-39-8			
POLYETHLENE	cation: -	-	-	-	
maleic acid	1 - < 3	110-16-7 203-742-5	-	607-095-00-3	
Classifi Specific Concentration	mg/kg bw), SE 3;H335	4;H302;(ATE: 500 m Skin Irrit. 2;H315, Ey , Aquatic Chronic 2;H	g/kg bw), Acute Tox. 4;H31 /e Irrit. 2;H319, Skin Sens. 1  411		
monoalkyl or monoaryl or monoalkyaryl esters of methac acid with the exception of thos specified elsewhere in this Anr Classifi	e nex	2549-53-3 219-835-9 ;H315, Eye Irrit. 2;H3	- 19, STOT SE 3;H335	607-134-00-4	
Specific Concentration		-	·		

1         Other components below reportable levels         List of abbreviations and symbols that mathematical and special treatment needed suitable extinguishing media         ATE: Acute toxicity estimate.         M: M-factor         vPvB: very persistent and very bioaccum PBT: persistent, bioaccumulative and too #: This substance has been assigned Ur All concentrations are in percent by weig         Composition comments       The full for t	B;H360F chronic 1; 20 - < 30 ay be use hulative s xic substantion work ght unless text for al all contained (s) involve euse. fresh air. contamined contamined tely flush and easy outh. Get eye irritati	D, Aquatic Acute 1;H H410(M=10) ed above substance. ance. cplace exposure limit( s ingredient is a gas. II H-statements is disp minated clothing immed and take precauti . Call a physician if sy nated clothing immed skin disorders: Seek in thing before reuse. n eyes with plenty of v to do. Continue rinsi t medical attention if s ion. Symptoms may i	's). Gas concentrations are in peolayed in section 16. nediately. Ensure that medica ons to protect themselves. W mptoms develop or persist. liately and wash skin with soa medical attention and take alw water for at least 15 minutes. ng. Get medical attention if in	rcent by volume.	
1         Other components below reportable levels         List of abbreviations and symbols that mather and the symbols with the toxicity estimate.         M: M-factor         vPvB: very persistent and very bioaccum         PBT: persistent, bioaccumulative and tox         #: This substance has been assigned Ur         All concentrations are in percent by weig         Composition comments       The full to         SECTION 4: First aid measures         Inhalation       Move to         Skin contact       Remove eczema contamine         Ingestion       Rinse m         Ingestion       Rinse m         I.2. Most important symptoms and effects, both acute and belayed       Rash.         I.3. Indication of any mmediate medical attention and special treatment needed       Provide immedia ambulan Symptor         SECTION 5: Firefighting measure       Seneral fire hazards       Highly fia         S.1. Extinguishing media Suitable extinguishing media       Water for media	B;H360F chronic 1; 20 - < 30 ay be use hulative s xic substantion work ght unless text for al all contained (s) involve euse. fresh air. contamined contamined tely flush and easy outh. Get eye irritati	D, Aquatic Acute 1;H H410(M=10) ed above substance. ance. cplace exposure limit( s ingredient is a gas. II H-statements is disp minated clothing immed and take precauti . Call a physician if sy nated clothing immed skin disorders: Seek in thing before reuse. n eyes with plenty of v to do. Continue rinsi t medical attention if s ion. Symptoms may i	400(M=10), Aquatic (s). Gas concentrations are in per- played in section 16. (mediately. Ensure that medica ons to protect themselves. W (mptoms develop or persist.) liately and wash skin with soar medical attention and take all water for at least 15 minutes. ng. Get medical attention if in	rcent by volume.	
levels         List of abbreviations and symbols that mathematications         ATE: Acute toxicity estimate.         M: M-factor         vPvB: very persistent and very bioaccum         PBT: persistent, bioaccumulative and too         #: This substance has been assigned Ur         All concentrations are in percent by weig         Composition comments       The full formation         SECTION 4: First aid measures         Inhalation       Move to         Skin contact       Remove         eczema       contamin         Ingestion       Rinse m         4.1. Description of first aid measures       Inmedia         Inhalation       Move to         Skin contact       Remove         eczema       contamin         Ingestion       Rinse m         4.2. Most important symptoms       Severe e         and effects, both acute and       vision. S         delayed       Rash.         4.3. Indication of any       Provide         immediate medical attention       ambulan         Symptor       Sectrion 5: Firefighting media         Suitable extinguishing       Water for         Media       Unsuitable extinguishing       Do not u	ay be use nulative s xic substr nion work ght unless text for al all contain (s) involve euse. fresh air. contamin or other s nated clot tely flush and easy outh. Get	ed above substance. ance. cplace exposure limit( s ingredient is a gas. II H-statements is disp minated clothing immed ed, and take precauti . Call a physician if sy nated clothing immed skin disorders: Seek if thing before reuse. n eyes with plenty of v to do. Continue rinsi t medical attention if s ion. Symptoms may i	Gas concentrations are in per olayed in section 16. mediately. Ensure that medica ons to protect themselves. W mptoms develop or persist. liately and wash skin with soa medical attention and take alo water for at least 15 minutes. ng. Get medical attention if in	I personnel are aware of the ash contaminated clothing ap and water. In case of ong these instructions. Wash Remove contact lenses, if	
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SECTION 4: First aid measures         General information       Take off material before reserved         4.1. Description of first aid measures       Inhalation         Inhalation       Move to         Skin contact       Remove eczema contamin         Eye contact       Immedia present         Ingestion       Rinse m         4.2. Most important symptoms and effects, both acute and delayed       Severe evision. S         A.3. Indication of any immediate medical attention and special treatment needed       Provide immedia ambulan Symptor         SECTION 5: Firefighting measure       General fire hazards       Highly fla         5.1. Extinguishing media Suitable extinguishing media Unsuitable extinguishing       Water for media	all conta (s) involve euse. fresh air. contamir or other s nated clot ttely flush and easy outh. Get eye irritati	minated clothing imm ed, and take precauti . Call a physician if sy nated clothing immed skin disorders: Seek thing before reuse. n eyes with plenty of v t to do. Continue rinsi t medical attention if s ion. Symptoms may i	nediately. Ensure that medica ons to protect themselves. W ymptoms develop or persist. liately and wash skin with soa medical attention and take alw water for at least 15 minutes. ng. Get medical attention if in	ash contaminated clothing ap and water. In case of ong these instructions. Wash Remove contact lenses, if	
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4.2. Most important symptoms and effects, both acute and delayed       Severe error vision. Sev	eye irritati	ion. Symptoms may i	present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Rinse mouth. Get medical attention if symptoms occur. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred		
and effects, both acute and delayedvision. S Rash.4.3. Indication of any immediate medical attention and special treatment neededProvide immedia ambulan SymptorSECTION 5: Firefighting measureGeneral fire hazardsHighly fla5.1. Extinguishing media Suitable extinguishing media Unsuitable extinguishingWater foDo not u					
immediate medical attention and special treatment neededimmedia ambulan SymptorSECTION 5: Firefighting measureGeneral fire hazardsHighly flat5.1. Extinguishing media Suitable extinguishing mediaWater for Do not ut				ess, swelling, and blurred Illergic skin reaction. Dermatitis.	
General fire hazards       Highly flat         5.1. Extinguishing media       Suitable extinguishing         Suitable extinguishing       Water for         media       Unsuitable extinguishing       Do not ut	tely. Whi ice. Conti	ile flushing, remove cl		affected area. Call an	
5.1. Extinguishing media Suitable extinguishing media Unsuitable extinguishing Do not u	s				
Suitable extinguishingWater formediaUnsuitable extinguishingDo not up	ammable	liquid and vapor.			
<b>U</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).				
	Do not use water jet as an extinguisher, as this will spread the fire.				
	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.				
5.3. Advice for firefighters	toined	oothing any state	d full protoctive al-thing of	the worp in second for	
Special protective Self-con equipment for firefighters	lained bro	eatning apparatus an	d full protective clothing mus	t be worn in case of fire.	
Special fire fighting In case of	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.				
Specific methods Use star			breathe fumes. Move contair	ers from fire area if you can do	
SECTION 6: Accidental release m	ut risk.		breathe fumes. Move contain and consider the hazards of o		

# 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.
For emergency responders	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Ventilate closed spaces before entering them. Avoid breathing mist/vapors. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.

SECTION 7: Handling and storage		
sections		
6.4. Reference to other	For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.	
	Never return spills to original containers for re-use.	
	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.	
	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.	
6.3. Methods and material for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent product from entering drains.	
6.2. Environmental precautions	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.	

7.1. Precautions for safe handling	Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.
7.2. Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).
	Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended
	ANNEX 1, PART 1 Categories of dangerous substances Hazard categories in accordance with Regulation (EC) No 1272/2008 - P5a, b or c FLAMMABLE LIQUIDS (Lower-tier requirements = 50 tons; Upper-tier requirements = 200 tons)
7.3. Specific end use(s)	Observe industrial sector guidance on best practices.

# **SECTION 8: Exposure controls/personal protection**

# 8.1. Control parameters

### **Occupational exposure limits**

### Austria. MAK List, OEL Ordinance (GwV), BGBI. II, no. 184/2001, as amended

Туре	Value	
МАК	3 mg/m3	
STEL	5 mg/m3	
Ceiling	420 mg/m3	
	100 ppm	
MAK	210 mg/m3	
	50 ppm	
	MAK STEL Ceiling	MAK 3 mg/m3 STEL 5 mg/m3 Ceiling 420 mg/m3 100 ppm MAK 210 mg/m3

# Belgium. OEL. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1 - Chemical agents, as amended

Components	Туре	Value Form
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	416 mg/m3
		100 ppm
	TWA	208 mg/m3

	Туре	Value	Form
		50 ppm	
Paraffin Wax (CAS 8002-74-2)	TWA	2 mg/m3	Fume.
Bulgaria. OELs. Ordinance No 13 o amended	n protection of workers again	nst risks of exposure to che	mical agents at work, as
Components	Туре	Value	
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	100 ppm	
	TWA	50 ppm	
Croatia. OELs (GVI). Regulation on Biological Limit Values, Annex I (N		st Exposure to Dangerous C	hemicals at Work, OELs a
Components	Туре	Value	Form
1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0)	MAC	5 mg/m3	
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	MAC	50 ppm	
	STEL	100 ppm	
Paraffin Wax (CAS 3002-74-2)	MAC	2 mg/m3	Fume.
	STEL	6 mg/m3	Fume.
Cyprus. OELs. Occupational Expos Reg., Ann. 1, R.A.A. 268/2001, as ar	mended)		h at Work (Chem. Agents)
Components	Туре	Value	
nethyl methacrylate; methyl 2-methylprop-2-enoate; nethyl 2-methylpropenoate (CAS 80-62-6)	STEL	100 ppm	
	TWA	50 ppm	
Czech Republic. Occupational expo 361/2007, Annex 2, Part A & Annex		ls at work (Decree on protec	ction of health at work,
Components	Туре	Value	
1,2-benzenedicarboxylic acid; di-C7-11-branched	Ceiling	10 mg/m3	
and linear alkylesters (CAS			
and linear alkylesters (CAS	TWA	3 mg/m3	
and linear alkylesters (CAS 26761-40-0) methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	TWA Ceiling	3 mg/m3 150 mg/m3	
and linear alkylesters (CAS 26761-40-0) methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate		-	
and linear alkylesters (CAS 26761-40-0) methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6) <b>Denmark. Work Environment Autho</b>	Ceiling TWA	150 mg/m3 50 mg/m3	2 Form
and linear alkylesters (CAS 26761-40-0) methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6) Denmark. Work Environment Autho Components 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS	Ceiling TWA prity. Exposure Limits for Sub	150 mg/m3 50 mg/m3 ostances & Materials, Annex	
and linear alkylesters (CAS 26761-40-0) methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6) <b>Denmark. Work Environment Autho</b> <b>Components</b> 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	Ceiling TWA prity. Exposure Limits for Sub Type	150 mg/m3 50 mg/m3 ostances & Materials, Annex Value	

Paraffin Wax (CAS		Туре		Form
3002-74-2)		TLV	2 mg/m3	Fume.
Estonia. OELs. Occupati Components	onal Exposure Lin	nits of Hazardous Sub Type	stances (Regulation No. 105/20 Value	01, Annex), as amende Form
,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CA 26761-40-0)	5	STEL	5 mg/m3	
,		TWA	3 mg/m3	
nethyl methacrylate; meth 2-methylprop-2-enoate; nethyl 2-methylpropenoat CAS 80-62-6)		STEL	100 ppm	
0, 10, 00, 02, 0)		TWA	50 ppm	
Paraffin Wax (CAS 3002-74-2)		TWA	2 mg/m3	Vapor.
Finland. HTP-arvot, App Components	3., Binding Limit V	/alues, Social Affairs a Type	and Ministry of Health Value	Form
nethyl methacrylate; meth 2-methylprop-2-enoate; nethyl 2-methylpropenoat CAS 80-62-6)		STEL	210 mg/m3 50 ppm	
		TWA		
		TWA	42 mg/m3	
Paraffin Wax (CAS		TWA	10 ppm 1 mg/m2	Fume.
8002-74-2)		TWA	1 mg/m3	rume.
France. OELs. Occupatio	onal Exposure Lim	iits as Prescribed by <i>A</i> Type	Art. R.4412-149 of Labor Code, a Value	as amended
nethyl methacrylate; meth	 IVI	VLE	410 mg/m3	
2-methylprop-2-enoate; nethyl 2-methylpropenoat CAS 80-62-6)	-		U U	
			100 ppm	
		VME	100 ppm 205 mg/m3	
		VME		
France. Threshold Limit	Values (VLEP) for		205 mg/m3	S ED 984 Form
France. Threshold Limit Components nethyl methacrylate; meth 2-methylprop-2-enoate; nethyl 2-methylpropenoat	iyl	Occupational Exposu	205 mg/m3 50 ppm ire to Chemicals in France, INR	
France. Threshold Limit Components nethyl methacrylate; meth 2-methylprop-2-enoate; nethyl 2-methylpropenoat (CAS 80-62-6)	iyl	Occupational Exposu Type VLE	205 mg/m3 50 ppm ire to Chemicals in France, INR Value	
France. Threshold Limit Components nethyl methacrylate; meth 2-methylprop-2-enoate; nethyl 2-methylpropenoat	e	Occupational Exposu Type VLE	205 mg/m3 50 ppm ire to Chemicals in France, INR Value	
France. Threshold Limit Components nethyl methacrylate; meth 2-methylprop-2-enoate; nethyl 2-methylpropenoat (CAS 80-62-6)	e	Occupational Exposu Type VLE g (VRC)	205 mg/m3 50 ppm are to Chemicals in France, INR Value 410 mg/m3	
France. Threshold Limit Components nethyl methacrylate; meth 2-methylprop-2-enoate; nethyl 2-methylpropenoat (CAS 80-62-6) Regulatory status:	nyl e Regulatory binding	Occupational Exposu Type VLE g (VRC)	205 mg/m3 50 ppm are to Chemicals in France, INR Value 410 mg/m3	
France. Threshold Limit Components nethyl methacrylate; meth 2-methylprop-2-enoate; nethyl 2-methylpropenoat (CAS 80-62-6) Regulatory status:	nyl e Regulatory binding	Occupational Exposu Type VLE g (VRC) g (VRC) VME	205 mg/m3 50 ppm are to Chemicals in France, INR Value 410 mg/m3 100 ppm 205 mg/m3	
France. Threshold Limit Components nethyl methacrylate; meth 2-methylprop-2-enoate; nethyl 2-methylpropenoat (CAS 80-62-6) Regulatory status: Regulatory status: Regulatory status:	nyl e Regulatory binding Regulatory binding Regulatory binding	Occupational Exposu Type VLE g (VRC) g (VRC) VME g (VRC)	205 mg/m3 50 ppm are to Chemicals in France, INR Value 410 mg/m3	
France. Threshold Limit Components methyl methacrylate; meth 2-methylprop-2-enoate; methyl 2-methylpropenoat (CAS 80-62-6) Regulatory status: Regulatory status:	nyl e Regulatory binding Regulatory binding	Occupational Exposu Type VLE g (VRC) g (VRC) VME g (VRC)	205 mg/m3 50 ppm are to Chemicals in France, INR Value 410 mg/m3 100 ppm 205 mg/m3	

Components	Туре	Value	
nethyl methacrylate; methyl -methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)	TWA	210 mg/m3	
		50 ppm	
ermany. TRGS 900, Limit Values i components	in the Ambient Air at the Workpla Type	ace Value	
nethyl methacrylate; methyl -methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)	AGW	210 mg/m3	
		50 ppm	
reece. OELs, Presidential Decree	No. 307/1986, as amended		
omponents	Туре	Value	Form
nethyl methacrylate; methyl -methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)	STEL	100 ppm	
	TWA	50 ppm	
araffin Wax (CAS	STEL	6 mg/m3	Fume.
002-74-2)	TWA	2 mg/m3	Fume.
ungary. OELs. Decree on protecti omponents	on of workers exposed to chemi Type	-	Annex 1&2, as amended
nethyl methacrylate; methyl -methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)	STEL	415 mg/m3	
	TWA	208 mg/m3	
eland. OELs. Regulation 390/2009 omponents	9 on Pollution Limits and Measur Type	es to Reduce Pollution a Value	t the Workplace, as amen Form
,2-benzenedicarboxylic cid; di-C7-11-branched nd linear alkylesters (CAS	TWA	3 mg/m3	
6761-40-0)			
ethyl methacrylate; methyl -methylprop-2-enoate; ethyl 2-methylpropenoate	STEL	100 ppm	
6761-40-0) hethyl methacrylate; methyl -methylprop-2-enoate; hethyl 2-methylpropenoate CAS 80-62-6)	STEL	100 ppm 50 ppm	
ethyl methacrylate; methyl methylprop-2-enoate; ethyl 2-methylpropenoate CAS 80-62-6) araffin Wax (CAS			Fume.
ethyl methacrylate; methyl methylprop-2-enoate; lethyl 2-methylpropenoate CAS 80-62-6) araffin Wax (CAS 002-74-2) eland. OELVs, Schedules 1 & 2, C	TWA TWA	50 ppm 2 mg/m3	
nethyl methacrylate; methyl -methylprop-2-enoate; nethyl 2-methylpropenoate	TWA TWA code of Practice for Chemical Ag	50 ppm 2 mg/m3 ents and Carcinogens Re	egulations
ethyl methacrylate; methyl methylprop-2-enoate; ethyl 2-methylpropenoate CAS 80-62-6) araffin Wax (CAS 202-74-2) eland. OELVs, Schedules 1 & 2, C omponents 2-benzenedicarboxylic cid; di-C7-11-branched nd linear alkylesters (CAS 5761-40-0) ethyl methacrylate; methyl methylprop-2-enoate; ethyl 2-methylpropenoate	TWA TWA Sode of Practice for Chemical Age Type	50 ppm 2 mg/m3 ents and Carcinogens Re Value	egulations
ethyl methacrylate; methyl methylprop-2-enoate; ethyl 2-methylpropenoate CAS 80-62-6) araffin Wax (CAS 202-74-2) eland. OELVs, Schedules 1 & 2, C omponents 2-benzenedicarboxylic cid; di-C7-11-branched nd linear alkylesters (CAS 5761-40-0) ethyl methacrylate; methyl methylprop-2-enoate; ethyl 2-methylpropenoate	TWA TWA Sode of Practice for Chemical Age Type TWA	50 ppm 2 mg/m3 ents and Carcinogens Re Value 5 mg/m3	egulations
nethyl methacrylate; methyl -methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6) araffin Wax (CAS 002-74-2) eland. OELVs, Schedules 1 & 2, C components ,2-benzenedicarboxylic cid; di-C7-11-branched nd linear alkylesters (CAS	TWA TWA Sode of Practice for Chemical Age Type TWA STEL	50 ppm 2 mg/m3 ents and Carcinogens Re Value 5 mg/m3 100 ppm	egulations

Italy. OELs (Legislative Decree n.81, 9 April 2008), as amended				
Components	Туре	Value	Form	
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	100 ppm		
	TWA	50 ppm		
Paraffin Wax (CAS 8002-74-2)	TWA	2 mg/m3	Fume.	

# Latvia. OELs. Occupational Exposure Limits of Chemical Substances at Workplace (Reg. No. 325/ 2007, L.V. 80, Annex 1), as amended

Components	Туре	Value	
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	TWA	10 mg/m3	

# Lithuania. OELs. Occupational Exposure Limit Values for Chemical Substances (Hygiene Norm HN 23:2011; Order No. V-824/A1-389), as amended

Components	Туре	Value	
1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0)	STEL	5 mg/m3	
	TWA	3 mg/m3	
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	416 mg/m3	
		100 ppm	
	TWA	208 mg/m3	
		50 ppm	

# Luxembourg. OELs. Binding Occupational Exposure Limit Values (Annex I), G.D.R. of 14 November 2016, OJ Memorial A, n ° 235/2016, as amended

Components	Туре	Value
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	100 ppm
	TWA	50 ppm
Malta. OELs. Protection of Health a Schedules I and V), as amended	nd Safety of Workers from F	Risks related to Chemical Agents at Work (L.N 227/2003
Components	Туре	Value
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	100 ppm
	TWA	50 ppm
Netherlands. OELs per Annex XIII o amended	f Working Conditions Regu	lation (Staatscourant no. 252, 29 December 2006), as
Components	Туре	Value
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	410 mg/m3
	TWA	205 mg/m3

Components	Туре	Value	Form
nethyl methacrylate; methyl -methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)	STEL	400 mg/m3	
		100 ppm	
	TLV	100 mg/m3	
		25 ppm	
Paraffin Wax (CAS 3002-74-2)	TLV	2 mg/m3	Fume.
Poland. Maximum permissible con I286/2018, Annex 1)	centrations and intensities o	of harmful factors in the work	environment (Dz.U.Poz.
Components	Туре	Value	Form
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	300 mg/m3	
	TWA	100 mg/m3	
Paraffin Wax (CAS 3002-74-2)	TWA	2 mg/m3	Inhalable fraction.
Portugal. VLEs. Norm on occupatio	onal exposure to chemical ag Type	gents (NP 1796-2014) Value	Form
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	100 ppm	
,	TWA	50 ppm	
Paraffin Wax (CAS 8002-74-2)	TWA	2 mg/m3	Fume.
Romania. OELs. Limit Values of Cr amended)	emical Agents at Workplace	e (Regulation 1.218/2006, M.O	845, Annex 1, 3&4, as
Components	Туре	Value	Form
nethyl methacrylate; methyl 2-methylprop-2-enoate; nethyl 2-methylpropenoate (CAS 80-62-6)	STEL	410 mg/m3	
		100 ppm	
	TWA	205 mg/m3	
		50 ppm	
Paraffin Wax (CAS 8002-74-2)	STEL	6 mg/m3	Fume.
	TWA	2 mg/m3	Fume.
Slovakia. OELs. Maximum permiss Annex 1, Table 1, as amended)	ible exposure limits for cher	nical factors in workplace air	(Regulation No 355/2006
Components	Туре	Value	Form
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	100 ppm	
·	TWA	50 ppm	
Paraffin Wax (CAS	STEL	6 mg/m3	Fume.
3002-74-2)	<b>T</b> 14/4		-

TWA

2 mg/m3

Fume.

methy methacrylate; methyl CAS 80:42-6) 50 ppm Spain. OELs. INSST, Limites de Exposición Profesional Para Agentes Químicos, Table 1-Valores Limites Ambientales (XAS 80:42-6) 50 ppm Spain. OELs. INSST, Limites de Exposición Profesional Para Agentes Químicos, Table 1-Valores Limites Ambientales (XAS 80:42-6) 70 Value Form methyl analytoppencate (CAS 80:42-6) 70 Value Form methyl analytoppencate (CAS 80:42-6) 70 Value 70 mm Parafin Wax (CAS 70 MC Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as amended Components 70 Value 70 Value 12-benzendet. 25761-40-0) 70 Value 70 Value 12-benzendet. 2761-40-0) 70 VA 3 mg/m3 rune. 27671-40-0) 70 VA 200 mg/m3 27671-40-0) 70 VA 200 mg/m3 27671-40-0) 70 VA 210 mg/m3 27671-40-0) 70 VA 210 mg/m3 27671-40-0) 70 VA 210 mg/m3 27671-40-00 70 Value Form rune methyl metheorylate; methyl 27681-40-00 rune 70 Value Form rune 70 Value Form rune 100 ppm rune 210 mg/m3 200 ppm 70 Value Form rune 210 mg/m3 200 ppm 70 Value Form rune 210 mg/m3 200 ppm 70 Value Form rune 210 mg/m3 200 ppm 70 Value Form 70 Value Form 70 Value Form 70 ppm 70	Туре	Value	
S0 ppm Spain. OELs. INSST, Limites de Exposición Profesional Para Agentes Químicos, Table 1-Valores Limites Ambientales VAB) Somponents Type Value Form INVA 50 ppm Parafin Wax (CAS TWA 2 mg/m3 Fume. STEL 700 ppm TWA 3 mg/m3	TWA	210 mg/m3	
VLAs     Type     Value     Form       nethyl methacrylate; methyl -metrylprop-2-enoate; insthyl 2-metrylpropenoate CAS 80-62-6)     TWA     50 ppm       araffin Wax (CAS     TWA     2 mg/m3     Fume.       3002-74-2)     Swedon. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as immended     Fume.       3002-74-2)     Swedon. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as immended     Smg/m3       2002-74-2)     Swedon. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as immended     Smg/m3       2002-74-2)     Swedon. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as immended     Smg/m3       2002-74-2)     Swedon. OELs (Annex 1). Work Environment Authority (AV).     Smg/m3       101     Imme and Smg/m3     Imme and Smg/m3       102-enzendicarboxylic     STEL     100 ppm       103-pem     TWA     200 mg/m3       Switzerland. SUVA Grenzwerte am ArbeitEsplatz: Aktuelle MAK-Werte Components     Yulue     Form       Switzerland. SUVA Grenzwerte am ArbeitEsplatz: Aktuelle MAK-Werte Components     Yulue     Form       Switzerland. SUVA Grenzwerte am ArbeitEsplatz: Aktuelle MAK-Werte Components     Yulue     Form       2002-24-01     TWA     200 mg/m3     S0 ppm       2002-24-01		50 ppm	
chartering     Case of the second secon	oosición Profesional Para Ag	entes Químicos, Table 1-Val	ores Límites Ambientales
Z-methylprop-2-encate: (AS 80-62-6) TWA 50 ppm araffin Wax (CAS 3002-74-2) TWA 2 mg/m3 Fume. 3002-74-2) Sweden. OELS (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as amended Components Type Value Value 1.2-benzenedicarboxylic acid; di-C7-11-branched and linear allylesters (CAS 28761-40-0) methyl -methylpropenoate (CAS 80-62-6) TWA 3 mg/m3 methyl -methylpropenoate (CAS 80-62-6) TWA 3 mg/m3 50 ppm Switzariand. SUVA Gronzworts am Arboitsplatz: Attuelle MAK-Worte Components Type Value Form methyl -methylpropenoate (CAS 80-62-6) TWA 200 mg/m3 50 ppm Switzariand. SUVA Gronzworts am Arboitsplatz: Attuelle MAK-Worte Components Type Value Form methyl -methylpropenoate (CAS 80-62-6) TWA 200 mg/m3 50 ppm Switzariand. SUVA Gronzworts am Arboitsplatz: Attuelle MAK-Worte Components Type Value Form methyl -methylpropenoate (CAS 80-62-6) TWA 200 mg/m3 50 ppm TWA 210 mg/m3 50 ppm TWA 210 mg/m3 50 ppm TWA 200 ppm	Туре	Value	Form
Paraffin Wax (CAS     TWA     2 mg/m3     Fume.       0002-74-2)     Swiden. OELS (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as mended     Smoonents     Type     Value       Components     Type     Value     Stell     5 mg/m3     Stell       2-benzenedicarboxylic (add, C711-hranched ing linear alkylesters (CAS 80-62-6)     TWA     3 mg/m3     Stelling       First Value     Ceilling     400 mg/m3     Stelling     Stelling       First Value     Cooping/m3     Stelling     Stelling     Stelling       Switzerland. SUVA Grenzwerte am Arbeitsplatz: Attuelle MAK-Werte     200 mg/m3     Stelling     Stelling       Switzerland. SUVA Grenzwerte am Arbeitsplatz: Attuelle MAK-Werte     200 mg/m3     Stelling     Stelling       Switzerland. SUVA Grenzwerte am Arbeitsplatz: Attuelle MAK-Werte     200 mg/m3     Stelling     Stelling       Switzerland. SUVA Grenzwerte am Arbeitsplatz: Attuelle MAK-Werte     200 mg/m3     Stelling     Stelling       Switzerland. SUVA Grenzwerte am Arbeitsplatz: Attuelle MAK-Werte     200 mg/m3     Stelling     Stelling       Switzerland. SUVA Grenzwerte am Arbeitsplatz: Attuelle MAK-Werte     200 mg/m3     Stelling     Stelling       Switzerland. SUVA Grenzwerte am Arbeitsplatz: Attuelle MAK-Werte     200 mg/m3     Stelling     Stelling       Switzerland. SUVA	STEL	100 ppm	
3602-74-2) 3604 den. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as immended 20mponents Type Value 1,2-benzenedicarboxylic cid; di-C7.11-branched and linear alkylesters (CAS 47671-40-0) TWA 3 mg/m3 nethyl methacrylate; methyl TWA 200 mg/m3 TWA 200 mg/m3 50 ppm 360 zerosenetic 2000 mg/m3 50 ppm 560 zerosenetic 560 zeroseneti	TWA	50 ppm	
Sweden. OELs (Annex 1). Work Environment Authority (AV). Occupational Exposure Limit Values (AFS 2018:1), as immediad Domponents Value 2.2-benzenedicarboxylic (add. d-C7-11-branched inlinear alkylesters (CAS 80761-40-0) TWA 3 mg/m3 Lethyl methyloppenoate CAS 80-62-6) Witzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte Components Type Value Form TWA 200 mg/m3 50 ppm Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte Components Type Value Form TWA 200 mg/m3 50 ppm Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte Components Type Value Form TWA 200 mg/m3 50 ppm Form TWA 210 mg/m3 50 ppm Paraffin Wax (CAS WCGLS: Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1 Components Type Value Form L2-benzenedicarboxylic icd; d-C7-11-branched and linear alkylesters (CAS 8761-40-0) TWA 5 mg/m3 L2-benzenedicarboxylic icd; d-C7-11-branched and linear alkylesters (CAS 8761-40-0) TWA 5 mg/m3 FUEL 416 mg/m3 50 ppm TWA 208 mg/m3 50 ppm	TWA	2 mg/m3	Fume.
icici: di-C7-11-branched and linear alkylesters (CAS 28761-40-0) TWA 3 mg/m3 nethyl methacrylate; methyl Ceiling 400 mg/m3 -methylprop2-enoate; nethyl 2-methylpropenoate CAS 80-62-6) TWA 200 mg/m3 50 ppm Switzerland. SUVA Grenzwerte am Arbeitspitz: Aktuelle MAK-Werte Components Type Value Form Switzerland. SUVA Grenzwerte am Arbeitspitz: Stuelle MAK-Werte Components Type Value Form TWA 200 mg/m3 50 ppm stutter of the stutter of the stut			alues (AFS 2018:1), as
nethyl methacrylate; methyl 2-methylprop-2-enoate; (CAS 80-62-6) Switzerland. SUVA Grenzwerte am Arbeitspiztz: Aktuelle MAK-Werte Components Type Value Form Switzerland. SUVA Grenzwerte am Arbeitspiztz: Aktuelle MAK-Werte Components Type Value Form nethyl methacrylate; methyl 2-methylprop-2-enoate; (CAS 80-62-6) Paraffin Wax (CAS 3002-74-2) UK. OELS. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1 Components Type Value Form 100 ppm TWA 210 mg/m3 50 ppm Paraffin Wax (CAS 3002-74-2) UK. OELS. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1 Components Type Value Form 1,2-benzenedicarboxylic acti (c7-11-branched and linear alkylesters (CAS 28761-0-0) methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylprop-2-enoate (CAS 80-62-6) TWA 51 STEL 100 ppm TWA 208 mg/m3 50 ppm Paraffin Wax (CAS 300 pm FureA 208 mg/m3 50 ppm	STEL	5 mg/m3	
Prenethylprop-2-encate; cAS 80-62-6) TWA 200 mg/m3 50 ppm Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte Components Type Value Form nethyl methacrylate; methyl -methylprop-2-encate; nethyl 2-methylpropencate CAS 80-62-6) TWA 210 mg/m3 50 ppm Paraffin Wax (CAS TWA 2 mg/m3 Respirable fume. 100 ppm TWA 210 mg/m3 50 ppm Paraffin Wax (CAS TWA 2 mg/m3 Respirable fume. 2 mg/m3 So ppm Paraffin Wax (CAS TWA 5 mg/m3 1.2-benzenedicarboxylic city (CAS 2000 Fourth Edition 2020)), Table 1 Components Type Value Form 1.2-benzenedicarboxylic city (CAS 2000 Fourth Edition 2020)), Table 1 2 mg/m3 50 ppm Paraffin Wax (CAS TWA 5 mg/m3 1.2-benzenedicarboxylic city (CAS 2000 Fourth Edition 2020), Table 1 2 methylprop-2-encate; nethyl 2-methylpropencate CAS 80-62-6) TWA 5 mg/m3 50 ppm TWA 208 mg/m3 50 ppm TWA 208 mg/m3 50 ppm TWA 6 mg/m3 Fume.	TWA	3 mg/m3	
TWA     200 mg/m3 50 ppm       Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte Components     Value     Form       Twp     Value     Form       nethyl methacrylate; methyl 2-methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)     STEL     420 mg/m3       TWA     210 mg/m3 50 ppm	Ceiling	400 mg/m3	
Source of and. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte Components         Yalue         Form           Type         Value         Form           Hethyl methacrylate; methyl -methylprop-2-enoate; methyl 2-methylpropenoate CAS 80-62-6)         STEL         420 mg/m3           Paraffin Wax (CAS 000-74-2)         TWA         210 mg/m3 50 ppm           Paraffin Wax (CAS 000-74-2)         TWA         2 mg/m3           K. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1         Form           2.2-benzenedicarboxylic cicit; di-C7-11-branched ind linear alkylesters (CAS 6761-40-0)         TWA         5 mg/m3           2.2-benzenedicarboxylic cicit; di-C7-11-branched ind linear alkylesters (CAS 6761-40-0)         STEL         416 mg/m3           2-methylprop-2-enoate; nethyl 2-methylprop-2-enoate; cast 61-62-60         TWA         5 mg/m3           2-methylprop-2-enoate; cast 62-63         STEL         416 mg/m3           2-methylprop-2-enoate; cast 62-63         TWA         50 ppm           208 mg/m3 50 ppm         50 ppm         50 ppm           208 mg/m3 50 ppm         50 ppm         50 ppm           2-aratfin Wax (CAS 1002-74-2)         STEL         6 mg/m3         Furme.		100 ppm	
Switzerland. SUVA Grenzwerte am Arbeits>latz: Aktuelle MAK-Werte TypeValueFormSTEL420 mg/m3Penethyl prop-2-enoate; nethyl 2-methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)STEL420 mg/m3Paraffin Wax (CAS 3002-74-2)TWA210 mg/m3 50 ppmSo ppmParaffin Wax (CAS sold: dict of 1-branched and linear alkylesters (CAS 80-62-6)TWA2 mg/m3Respirable fume.1,2-benzenedicarboxylic acid; dic-C7-11-branched and linear alkylesters (CAS 80-62-6)TWA5 mg/m3Form1,2-benzenedicarboxylic and linear alkylesters (CAS 80-62-6)STEL416 mg/m3Form100 ppmTWA5 mg/m3Form100 ppmTWA208 mg/m3 50 ppmForm100 ppmTWA208 mg/m3 50 ppmFormParaffin Wax (CAS 3002-74-2)STEL6 mg/m3Fume.	TWA	200 mg/m3	
ComponentsTypeValueFormnethyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate CAS 80-62-6)STEL420 mg/m32-methylprop-2-enoate; methyl 2-methylpropenoate CAS 80-62-6)100 ppm100 ppmTWA210 mg/m3 50 ppm50 ppmParaffin Wax (CAS 3002-74-2)TWA2 mg/m3Respirable fume.JLC DELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1 TypeFormJ.2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0)TWA5 mg/m3J.2-benzenedicarboxylic methyl 2-methylprop-2-enoate; nethyl 2-methylprop-2-enoate; nethyl 2-methylprop-2-enoate; nethyl 2-methylprop-2-enoate; nethyl 2-methylprop-2-enoate; nethyl 2-methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)STEL100 ppmParaffin Wax (CAS 3002-74-2)STEL6 mg/m3Fume.		50 ppm	
nethyl methacrylate; methyl P-methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6) TWA 210 mg/m3 50 ppm TWA 210 mg/m3 S00 ppm Paraffin Wax (CAS TWA 2 mg/m3 Respirable fume. MK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1 Components Type Value Form .2-benzenedicarboxylic cici; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) nethyl methacrylate; methyl STEL 416 mg/m3methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6) TWA 208 mg/m3	-		Form
TWA     210 mg/m3 50 ppm       Paraffin Wax (CAS 002-74-2)     TWA     2 mg/m3     Respirable fume.       PK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1 Components     Form       VA     5 mg/m3     Form       ,2-benzenedicarboxylic cid; di-C7-11-branched nd linear alkylesters (CAS 6761-40-0)     TWA     5 mg/m3       Perturbular entry in ethacrylate; methyl methyl prop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)     STEL     416 mg/m3       TWA     208 mg/m3 50 ppm     TWA     208 mg/m3 50 ppm       Paraffin Wax (CAS 002-74-2)     STEL     6 mg/m3     Furme.		420 mg/m3	
Source     Source       Paraffin Wax (CAS 002-74-2)     TWA     2 mg/m3     Respirable fume.       VK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1 components     Form       VR. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1 components     Form       2.benzenedicarboxylic cid; di-C7-11-branched nd linear alkylesters (CAS 6761-40-0)     TWA     5 mg/m3       hethyl methacrylate; methyl methylprop-2-enoate; hethyl 2-methylpropenoate CAS 80-62-6)     STEL     416 mg/m3       TWA     208 mg/m3 50 ppm     50 ppm       Paraffin Wax (CAS 002-74-2)     STEL     6 mg/m3		100 ppm	
Paraffin Wax (CAS 2002-74-2)       TWA       2 mg/m3       Respirable fume.         VK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1 Components       Form         Question       TWA       5 mg/m3       Form         2-benzenedicarboxylic cid; di-C7-11-branched ind linear alkylesters (CAS 6761-40-0)       TWA       5 mg/m3       Form         2-benzenedicarboxylic cid; di-C7-11-branched ind linear alkylesters (CAS 6761-40-0)       STEL       416 mg/m3	TWA	210 mg/m3	
Wood-74-2)       JK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1       Form         Components       Type       Value       Form         ,2-benzenedicarboxylic       TWA       5 mg/m3         icid; di-C7-11-branched       TWA       5 mg/m3         icid; di-C7-11-branched       TWA       5 mg/m3         ind linear alkylesters (CAS 26761-40-0)       STEL       416 mg/m3         nethyl prop-2-enoate;       STEL       416 mg/m3         -methylprop-2-enoate;       TWA       208 mg/m3         inethyl 2-methylpropenoate       TWA       208 mg/m3         CAS 80-62-6)       STEL       6 mg/m3       Fume.		50 ppm	
ComponentsTypeValueForm,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0)TWA5 mg/m3,2-benzenedicarboxylic and linear alkylesters (CAS 26761-40-0)TWA5 mg/m3nethyl methacrylate; methyl 2-methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)STEL416 mg/m3100 ppmTWA208 mg/m3208 mg/m350 ppmParaffin Wax (CAS 8002-74-2)STEL6 mg/m3Fume.	TWA	2 mg/m3	Respirable fume.
acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) methyl methacrylate; methyl STEL 416 mg/m3 2-methylprop-2-enoate; methyl 2-methylpropenoate CAS 80-62-6) 100 ppm TWA 208 mg/m3 50 ppm Paraffin Wax (CAS STEL 6 mg/m3 Fume.	nite (MELe) (EU40/2005 (Eeu	th Edition 2020)). Table 1	
nethyl methacrylate; methyl 2-methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)			Form
TWA208 mg/m350 ppm50 ppmParaffin Wax (CASSTEL6 mg/m3Fume.3002-74-2)50 ppm50 ppm	Туре	Value	Form
Paraffin Wax (CAS STEL 6 mg/m3 Fume. 002-74-2)	Type TWA	Value 5 mg/m3	Form
Paraffin Wax (CAS STEL 6 mg/m3 Fume. 3002-74-2)	Type TWA	Value 5 mg/m3 416 mg/m3	Form
3002-74-2)	Type TWA STEL	Value 5 mg/m3 416 mg/m3 100 ppm	Form
•	Type TWA STEL	Value 5 mg/m3 416 mg/m3 100 ppm 208 mg/m3	Form
	TWA STEL TWA	Value           5 mg/m3           416 mg/m3           100 ppm           208 mg/m3           50 ppm	
Components 1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0) methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6) Paraffin Wax (CAS		TWA TWA  posición Profesional Para Ag Type STEL TWA TWA TWA TWA TWA Ceiling TWA Arbeitsplatz: Aktuelle MAK-W Type STEL TWA TWA TWA TWA TWA TWA TWA	TWA       210 mg/m3         50 ppm       50 ppm         posición Profesional Para Agentes Químicos, Table 1-Vale       Type         Type       Value         STEL       100 ppm         TWA       50 ppm         TWA       50 ppm         TWA       50 ppm         TWA       50 ppm         TWA       2 mg/m3         rironment Authority (AV), Occupational Exposure Limit V         Type       Value         STEL       5 mg/m3         rironment Authority (AV), Occupational Exposure Limit V         TWA       3 mg/m3         ceiling       400 mg/m3         TWA       3 mg/m3         Ceiling       100 ppm         Arbeitsplatz: Aktuelle MAK-Werte       100 ppm         TWA       STEL       420 mg/m3         STEL       420 mg/m3         TWA       210 mg/m3         STEL       100 ppm         TWA       210 mg/m3         STEL       100 ppm         TWA       210 mg/m3         STEL       210 mg/m3

methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6) Biological limit values Recommended monitoring procedures	STEL TWA No biological exposure limits	100 ppm 50 ppm
Recommended monitoring		50 ppm
Recommended monitoring	No biological exposure limits	oo hhiii
		noted for the ingredient(s).
locculics	Follow standard monitoring p	procedures.
Derived no effect levels DNELs)	Not available.	
Predicted no effect oncentrations (PNECs)	Not available.	
xposure guidelines		
Croatia ELVs: Skin design	ation	
methyl methacrylate; me methyl 2-methylpropenc Denmark GV: Skin designa		Can be absorbed through the skin.
methyl methacrylate; me methyl 2-methylpropenc Hungary OELs: Skin desig	· · · · · · · · · · · · · · · · · · ·	Can be absorbed through the skin.
methyl methacrylate; me methyl 2-methylpropenc Iceland OELs: Skin design		Can be absorbed through the skin.
methyl methacrylate; methyl 2-methylpropend	ethyl 2-methylprop-2-enoate; bate (CAS 80-62-6)	Can be absorbed through the skin.
.2. Exposure controls		
opropriate engineering ontrols	Ventilation rates should be n exhaust ventilation, or other exposure limits. If exposure l	local exhaust ventilation. Good general ventilation should be used. natched to conditions. If applicable, use process enclosures, local engineering controls to maintain airborne levels below recommended imits have not been established, maintain airborne levels to an ewash station and safety shower.
ndividual protection measures	s, such as personal protective	equipment
General information		pment as required. Personal protection equipment should be chosen ards and in discussion with the supplier of the personal protective
Eye/face protection	Wear safety glasses with sid	e shields (or goggles). Face shield is recommended.
Skin protection		
- Hand protection	Wear appropriate chemical r	esistant gloves.
- Other	Wear appropriate chemical r	esistant clothing. Use of an impervious apron is recommended.
Respiratory protection		t maintain airborne concentrations below recommended exposure o an acceptable level (in countries where exposure limits have not ved respirator must be worn.
Thermal hazards	,	otective clothing, when necessary.
lygiene measures	after handling the material ar	Iways observe good personal hygiene measures, such as washing nd before eating, drinking, and/or smoking. Routinely wash work ment to remove contaminants. Contaminated work clothing should no ace.
invironmental exposure ontrols	from ventilation or work proc requirements of environment	al or supervisory personnel of all environmental releases. Emissions ess equipment should be checked to ensure they comply with the tal protection legislation. Fume scrubbers, filters or engineering equipment may be necessary to reduce emissions to acceptable

# 9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Form	Paste.
Color	Off-white
Odor	Fragrant

Melting point/freezing point	-54,4 °F (-48 °C) estimated		
Boiling point or initial boiling point and boiling range	212,9 °F (100,5 °C) estimated		
Flammability	Not applicable.		
Upper/lower flammability or exp	plosive limits		
Explosive limit - lower (%)	2,1 % estimated		
Explosive limit - upper (%)	8,2 % estimated		
Flash point	50,0 °F (10,0 °C) estimated		
Auto-ignition temperature	564,8 °F (296 °C) estimated		
Decomposition temperature	Not available.		
рН	Not available.		
Kinematic viscosity	Not available.		
Solubility Solubility (water)	Not available.		
Partition coefficient	Not available.		
(n-octanol/water) (log value) Vapor pressure	43.7 hPa estimated		
Density and/or relative density			
Density and/or relative density	0,97 g/cm3 estimated		
Vapor density	Not available.		
Particle characteristics	Not available.		
9.2. Other information			
9.2.1. Information with regard to physical hazard classes	No relevant additional information available.		
9.2.2. Other safety characteristic	cs		
Specific gravity	0,97 estimated		
SECTION 10: Stability and	d reactivity		
10.1. Reactivity	The product is stable and non-reactive under normal	conditions of use, storage and transport.	
10.2. Chemical stability	Material is stable under normal conditions.		
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of no	ormal use.	
10.4. Conditions to avoid	Avoid heat, sparks, open flames and other ignition so flash point. Contact with incompatible materials.	ources. Avoid temperatures exceeding the	
10.5. Incompatible materials	Strong oxidizing agents. Nitrates. Peroxides.		
10.6. Hazardous decomposition products	No hazardous decomposition products are known.		
<b>SECTION 11: Toxicologic</b>	al information		
General information	Occupational exposure to the substance or mixture n	nay cause adverse effects.	
Information on likely routes of e Inhalation	exposure Prolonged inhalation may be harmful.		
Skin contact	Osus a shin imitation Managana an allannia shin na		
	Causes skin irritation. May cause an allergic skin rea	ction.	
Eye contact	Causes skin irritation. May cause an allergic skin rea Causes serious eye irritation.	ction.	
Eye contact Ingestion	, ,		
-	Causes serious eye irritation. May cause discomfort if swallowed. However, ingesti occupational exposure. Severe eye irritation. Symptoms may include stinging vision. Skin irritation. May cause redness and pain. N	ion is not likely to be a primary route of g, tearing, redness, swelling, and blurred	
Ingestion Symptoms	Causes serious eye irritation. May cause discomfort if swallowed. However, ingesti occupational exposure. Severe eye irritation. Symptoms may include stinging	ion is not likely to be a primary route of g, tearing, redness, swelling, and blurred	
Ingestion Symptoms	Causes serious eye irritation. May cause discomfort if swallowed. However, ingesti occupational exposure. Severe eye irritation. Symptoms may include stinging vision. Skin irritation. May cause redness and pain. N Dermatitis. Rash.	ion is not likely to be a primary route of g, tearing, redness, swelling, and blurred	
Ingestion Symptoms 11.1. Information on hazard clas	Causes serious eye irritation. May cause discomfort if swallowed. However, ingesti occupational exposure. Severe eye irritation. Symptoms may include stinging vision. Skin irritation. May cause redness and pain. N Dermatitis. Rash.	ion is not likely to be a primary route of g, tearing, redness, swelling, and blurred	
Ingestion Symptoms 11.1. Information on hazard clas Acute toxicity Components	Causes serious eye irritation. May cause discomfort if swallowed. However, ingesti occupational exposure. Severe eye irritation. Symptoms may include stinging vision. Skin irritation. May cause redness and pain. N Dermatitis. Rash. sses as defined in Regulation (EC) No 1272/2008 Not known.	ion is not likely to be a primary route of g, tearing, redness, swelling, and blurred /lay cause an allergic skin reaction. <b>Test Results</b>	
Ingestion Symptoms 11.1. Information on hazard class Acute toxicity Components	Causes serious eye irritation. May cause discomfort if swallowed. However, ingesti occupational exposure. Severe eye irritation. Symptoms may include stinging vision. Skin irritation. May cause redness and pain. N Dermatitis. Rash. sses as defined in Regulation (EC) No 1272/2008 Not known. Species	ion is not likely to be a primary route of g, tearing, redness, swelling, and blurred /lay cause an allergic skin reaction. <b>Test Results</b>	
Ingestion Symptoms 11.1. Information on hazard class Acute toxicity <u>Components</u> 1,2-benzenedicarboxylic acid; di-C	Causes serious eye irritation. May cause discomfort if swallowed. However, ingesti occupational exposure. Severe eye irritation. Symptoms may include stinging vision. Skin irritation. May cause redness and pain. N Dermatitis. Rash. sses as defined in Regulation (EC) No 1272/2008 Not known. Species	ion is not likely to be a primary route of g, tearing, redness, swelling, and blurred /lay cause an allergic skin reaction. <b>Test Results</b>	

Inhalation LC50		
LC30		> 12 E4000000000000000000000000000000000000
<b>A</b> I	Rat	> 12,54000000000009 mg/l, 4 Hours
<b>Oral</b> LD50	Rat	> 6000 mg/kg
lodecyl methacrylate (CAS 142-9		> 0000 mg/kg
Acute	0-3)	
Dermal		
LD50	Rabbit	> 3 g/kg
Oral		
LD50	Rat	> 5 g/kg
naleic acid (CAS 110-16-7)		
Acute		
Dermal		
LD50	Rabbit	1560 mg/kg
nethyl methacrylate; methyl 2-me	thylprop-2-enoate; methyl 2-meth	ylpropenoate (CAS 80-62-6)
Acute		
Oral		
LD50	Rat	7800 mg/kg
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye	Causes serious eye irritation.	
rritation		
Respiratory sensitization	Due to partial or complete lack	of data the classification is not possible.
Skin sensitization	May cause an allergic skin read	tion.
Germ cell mutagenicity	Due to partial or complete lack	of data the classification is not possible.
Carcinogenicity	Due to partial or complete lack	of data the classification is not possible.
IARC Monographs. Overall	acid; di-C7-11-branched and line: <b>Evaluation of Carcinogenicity</b> thyl 2-methylprop-2-enoate; ate (CAS 80-62-6)	ar alkylesters (CAS 26761-40-0) 3 Not classifiable as to carcinogenicity to humans.
Poly(2-chloro-1,3-butadie	ene) (CAS 9010-98-4)	3 Not classifiable as to carcinogenicity to humans.
Reproductive toxicity		of data the classification is not possible.
Specific target organ toxicity - single exposure	Not applicable.	
Specific target organ toxicity - repeated exposure	Due to partial or complete lack	of data the classification is not possible.
Aspiration hazard	Due to partial or complete lack	of data the classification is not possible.
Mixture versus substance nformation	No information available.	
11.2. Information on other haza	ds	
Endocrine disrupting properties	to human health as assessed in	ny substances having endocrine disrupting properties with respect a accordance with the criteria set out in Regulations (EC) No and (EU) 2018/605, at a concentration equal to or greater than
Other information	Not available.	
SECTION 12: Ecological i	nformation	
12.1. Toxicity		lasting effects. Based on available data, the classification criteria
12.2. Persistence and		e aquatic environment, acute hazard. radability of any ingredients in the mixture.
degradability 12.3. Bioaccumulative potential		
Partition coefficient		
n-octanol/water (log Kow)	; di-C7-11-branched and linear	10,36
aikyiesiels		
Material name: PLEXUS® MA530 Ad	hesive	SDS

dodecyl methacrylate maleic acid methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate monoalkyl or monoaryl or monoalkyaryl esters of methacrylic acid with the exception of those specified elsewhere in this	6,45 -0,48 1,38 7,66
Annex	8,64

Bioconcentration factor (BCF)	Not available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.
12.6. Endocrine disrupting properties	This mixture does not contain any substances having endocrine disrupting properties with respect to the environment as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.
12.7. Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

# **SECTION 13: Disposal considerations**

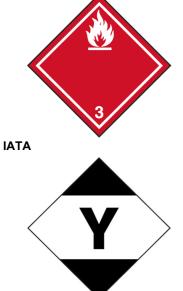
13.1. Waste treatment methods	
Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Special precautions	Dispose in accordance with all applicable regulations.

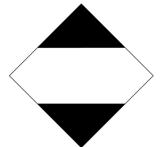
# **SECTION 14: Transport information**

# ADR

ADR	
14.1. UN number	UN1133
14.2. UN proper shipping	ADHESIVES containing flammable liquid
name	
14.3. Transport hazard class	(es)
Class	3
Subsidiary risk	-
Label(s)	3
Hazard No. (ADR)	30
Tunnel restriction code	D/E
14.4. Packing group	III
14.5. Environmental hazards	No.
14.6. Special precautions	Read safety instructions, SDS and emergency procedures before handling.
for user	
RID	
14.1. UN number	UN1133
14.2. UN proper shipping	ADHESIVES containing flammable liquid
name	
14.3. Transport hazard class	(es)
Class	3
Subsidiary risk	-
Label(s)	3
14.4. Packing group	III
14.5. Environmental hazards	No.
14.6. Special precautions	Read safety instructions, SDS and emergency procedures before handling.
for user	
ADN	
14.1. UN number	UN1133

14.2. UN proper shipping name	ADHESIVES containing flammable liquid
14.3. Transport hazard class	(es)
Class	3
Subsidiary risk	-
Label(s)	3
14.4. Packing group	
14.5. Environmental hazards	
14.6. Special precautions	Read safety instructions, SDS and emergency procedures before handlin
for user	
ΑΤΑ	
14.1. UN number	UN1133
14.2. UN proper shipping	Adhesives containing flammable liquid, Limited Quantity
name	
14.3. Transport hazard class	(es)
Class	3
Subsidiary risk	-
14.4. Packing group	III
14.5. Environmental hazards	No.
ERG Code	3L
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handlin
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
MDG	
14.1. UN number	UN1133
14.2. UN proper shipping name	ADHESIVES containing flammable liquid, Limited Quantity
14.3. Transport hazard class	(es)
Class	3
Subsidiary risk	
14.4. Packing group	III
14.5. Environmental hazards	
Marine pollutant	No.
EmS	F-E, S-D
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handlin
4.7. Maritime transport in bulk ccording to IMO instruments	Not established.
NDN; ADR; RID	





# **SECTION 15: Regulatory information**

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

## **EU regulations**

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended Not listed.

- Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended Not listed.
- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended Not listed.
- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended Not listed.
- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended Not listed.
- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.
- Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended Not listed.
- Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0)

UFI:

Austria: WF90-H0R6-8006-KA6S Belgium: WF90-H0R6-8006-KA6S Bulgaria: WF90-H0R6-8006-KA6S Croatia: WF90-H0R6-8006-KA6S Cyprus: WF90-H0R6-8006-KA6S Czech Republic: WF90-H0R6-8006-KA6S Denmark: WF90-H0R6-8006-KA6S Estonia: WF90-H0R6-8006-KA6S EU: WF90-H0R6-8006-KA6S Finland: WF90-H0R6-8006-KA6S France: WF90-H0R6-8006-KA6S Germany: WF90-H0R6-8006-KA6S Greece: WF90-H0R6-8006-KA6S Hungary: WF90-H0R6-8006-KA6S Iceland: WF90-H0R6-8006-KA6S Ireland: WF90-H0R6-8006-KA6S Italy: WF90-H0R6-8006-KA6S Latvia: WF90-H0R6-8006-KA6S Lithuania: WF90-H0R6-8006-KA6S Luxembourg: WF90-H0R6-8006-KA6S Malta: WF90-H0R6-8006-KA6S Netherlands: WF90-H0R6-8006-KA6S Norway: WF90-H0R6-8006-KA6S Poland: WF90-H0R6-8006-KA6S Portugal: WF90-H0R6-8006-KA6S Romania: WF90-H0R6-8006-KA6S Slovakia: WF90-H0R6-8006-KA6S Slovenia: WF90-H0R6-8006-KA6S Spain: WF90-H0R6-8006-KA6S Sweden: WF90-H0R6-8006-KA6S

Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

1,2-benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters (CAS 26761-40-0)

### **Restrictions on use**

# Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended - Conditions of restriction given for the associated entry number should be considered

	J		
1,2-benzenedicarboxy linear alkylesters (CA	lic acid; di-C7-11-branched and S 26761-40-0)	52	
dodecyl methacrylate	(CAS 142-90-5)	75	
monoalkyl or monoaryl or monoalkyaryl esters of methacrylic acid with the exception of those specified elsewhere in this Annex (CAS 2495-27-4)		75	
monoalkyl or monoary	l or monoalkyaryl esters of he exception of those specified	75	
Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at			
work, as amended	-		
1,2-benzenedicarboxy	lic acid; di-C7-11-branched and lir	ear alkylesters (CAS 26761-40-0)	
Other EU regulations	Directive 2012/18/EU on maj	or accident hazards involving dangerous substances, as amended	
	ANNEX 1, PART 1 Categorie Hazard categories in accorda - P5a, b or c FLAMMABLE LI	nce with Regulation (EC) No 1272/2008	
Other regulations		labelled in accordance with Regulation (EC) 1272/2008 (CLP s Safety Data Sheet complies with the requirements of Regulation ided.	
National regulations	Young people under 18 years	s old are not allowed to work with this product according to FL	

 National regulations
 Young people under 18 years old are not allowed to work with this product according to EU

 Directive 94/33/EC on the protection of young people at work, as amended. Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

Affections provoquées par le méthacrylate de méthyle 82

# **France regulations**

#### France INRS Table of Occupational Diseases

methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)

#### Product registration number

-	
Austria	UFI: WF90-H0R6-8006-KA6S
Belgium	UFI: WF90-H0R6-8006-KA6S
Czech Republic	UFI: WF90-H0R6-8006-KA6S
Denmark	UFI: WF90-H0R6-8006-KA6S
European Union	UFI: WF90-H0R6-8006-KA6S
Finland	UFI: WF90-H0R6-8006-KA6S
France	UFI: WF90-H0R6-8006-KA6S
Germany	UFI: WF90-H0R6-8006-KA6S
Greece	UFI: WF90-H0R6-8006-KA6S
Hungary	UFI: WF90-H0R6-8006-KA6S
Italy	UFI: WF90-H0R6-8006-KA6S
Netherlands	UFI: WF90-H0R6-8006-KA6S
Norway	UFI: WF90-H0R6-8006-KA6S
Poland	UFI: WF90-H0R6-8006-KA6S
Portugal	UFI: WF90-H0R6-8006-KA6S
Slovakia	UFI: WF90-H0R6-8006-KA6S
Slovenia	UFI: WF90-H0R6-8006-KA6S
Spain	UFI: WF90-H0R6-8006-KA6S
Sweden	UFI: WF90-H0R6-8006-KA6S
Switzerland	UFI: WF90-H0R6-8006-KA6S
15.2. Chemical safety assessment	No Chemical Safety Assessment has been carried out.

# **SECTION 16: Other information**

# List of abbreviations

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.	d
ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.	
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).	
CAS: Chemical Abstract Service.	
CEN: European Committee for Standardization.	
IATA: International Air Transport Association.	
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.	
IMDG: International Maritime Dangerous Goods.	
MAC: Maximum Allowed Concentration.	
MARPOL: International Convention for the Prevention of Pollution from Ships.	

STEL: Short term exposure limit. TLV: Threshold Limit Value. TWA: Time Weighted Average. VLE: Exposure Limit Value. VME: Exposure Average Value. vPvB: Very persistent and very bioaccumulative.	
<b>References</b> Not available.	on of colculation
Information on evaluation method leading to the classification of mixtureThe classification for health and environmental hazards is derived by a combination methods and test data, if available.	
Full text of any statements, which are not written out in full	
under sections 2 to 15 H225 Highly flammable liquid and vapor.	
H302 Harmful if swallowed. H312 Harmful in contact with skin.	
H315 Causes skin irritation.	
H317 May cause an allergic skin reaction.	
H319 Causes serious eye irritation.	
H332 Harmful if inhaled.	
H335 May cause respiratory irritation. H360FD May damage fertility. May damage the unborn child.	
H400 Very toxic to aquatic life.	
H410 Very toxic to aquatic life with long lasting effects.	
H411 Toxic to aquatic life with long lasting effects.	
Revision information None.	
Training information         Follow training instructions when handling this material.	
<b>Disclaimer</b> ITW Performance Polymers cannot anticipate all conditions under which this inform product, or the products of other manufacturers in combination with its product, m the user's responsibility to ensure safe conditions for handling, storage and dispose product, and to assume liability for loss, injury, damage or expense due to imprope information provided in this Safety Data Sheet is correct to the best of our knowled and belief at the date of its publication. The information relates only to the specific designated and may not be valid for such material used in combination with any or in any process, unless specified in the text. The information given is designed only for safe handling, use, processing, storage, transportation, disposal and release.	ay be used. It is sal of the ber use. The dge, information c material other materials or