# **SAFETY DATA SHEET**

Version #: 08

Issue date: 06-16-2019 Revision date: 07-30-2023 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

of the mixture

PLEXUS® MA590 Activator

Registration number

Synonyms None. SKU# 0993

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

Identified usesNot available.Uses advised againstNone 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

353(61)471285

Email customerservice.shannon@itwpp.com

**Emergency Phone Number** 44(0) 1235 239 670 (24 hours)

1.4. Emergency telephone number

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** 

+45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be

**Control Center** 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.)

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### 1.4. Emergency telephone number

**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 H315 - Causes skin irritation. Category 2

Skin sensitization Category 1 H317 - May cause an allergic skin

reaction.

Specific target organ toxicity - single

exposure

Category 3 respiratory tract irritation

H335 - May cause respiratory

irritation.

2.2. Label elements

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

UFI:

Austria: 4NA0-M0DR-J004-U3CP Belgium: 4NA0-M0DR-J004-U3CP Bulgaria: 4NA0-M0DR-J004-U3CP Croatia: 4NA0-M0DR-J004-U3CP Cyprus: 4NA0-M0DR-J004-U3CP

Czech Republic: 4NA0-M0DR-J004-U3CP Denmark: 4NA0-M0DR-J004-U3CP Estonia: 4NA0-M0DR-J004-U3CP EU: 4NA0-M0DR-J004-U3CP Finland: 4NA0-M0DR-J004-U3CP France: 4NA0-M0DR-J004-U3CP Germany: 4NA0-M0DR-J004-U3CP Greece: 4NA0-M0DR-J004-U3CP Hungary: 4NA0-M0DR-J004-U3CP Iceland: 4NA0-M0DR-J004-U3CP Ireland: 4NA0-M0DR-J004-U3CP Ireland: 4NA0-M0DR-J004-U3CP

Iceland: 4NA0-M0DR-J004-U3CP
Ireland: 4NA0-M0DR-J004-U3CP
Italy: 4NA0-M0DR-J004-U3CP
Latvia: 4NA0-M0DR-J004-U3CP
Lithuania: 4NA0-M0DR-J004-U3CP
Luxembourg: 4NA0-M0DR-J004-U3CP
Malta: 4NA0-M0DR-J004-U3CP
Netherlands: 4NA0-M0DR-J004-U3CP
Norway: 4NA0-M0DR-J004-U3CP
Poland: 4NA0-M0DR-J004-U3CP

Portugal: 4NA0-M0DR-J004-U3CP Romania: 4NA0-M0DR-J004-U3CP Slovakia: 4NA0-M0DR-J004-U3CP Slovenia: 4NA0-M0DR-J004-U3CP Spain: 4NA0-M0DR-J004-U3CP Sweden: 4NA0-M0DR-J004-U3CP

Contains: Benzyl 3-isobutyryloxy-1-isopropyl-2,2-dimethylpropyl Phthalate, methyl methacrylate; methyl

2-methylprop-2-enoate; methyl 2-methylpropenoate, PYRIDINE,

3,5-DIETHYL-1,2-DIHYDRO-1-PHENYL-2-P ROPYL-, TRIS(2,4-DITERT-BUTYLPHENYL)

**PHOSPHITE** 

### **Hazard pictograms**



Signal word Danger

### **Hazard statements**

H225 Highly flammable liquid and vapor.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.

## **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.

P271 Use only outdoors or in a well-ventilated area.

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

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.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P370 + P378 In case of fire: Use appropriate media to extinguish.

Storage

Store in a well-ventilated place. Keep container tightly closed. P403 + P233

Store in a well-ventilated place. Keep cool. P403 + P235

Store locked up. P405

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations. P501

Supplemental label information None

2.3. Other hazards This mixture does not contain substances assessed to be vPvB / PBT according to Regulation

(EC) No 1907/2006, Annex XIII. The mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a

Inday No

Notes

CAS-No. / FC No. REACH Registration No.

concentration equal to or greater than 0.1% by weight.

# **SECTION 3: Composition/information on ingredients**

### 3.2. Mixtures

### **General information**

Chemical name

Chemical name	70	CAS-NO. / EC NO.	REACH REGISTRATION NO.	maex no.	Notes
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	50 - < 60	80-62-6 201-297-1	01-2119452498-28-0000	607-035-00-6	#
Classification:	Flam. Liq. 3;H335	2;H225, Skin Irrit. 2;F	H315, Skin Sens. 1;H317, S	TOT SE	
Specific Concentration Limits:	STOT SE	3;H335: C ≥ 10 %			
Benzyl 3-isobutyryloxy-1-isopropyl-2,2-dimet hylpropyl Phthalate	5 - < 10	16883-83-3 240-920-1	-	-	
Classification:	-				
PYRIDINE, 3,5-DIETHYL-1,2-DIHYDRO-1-PHEN YL-2-P ROPYL-	1 - < 3	34562-31-7 252-091-3	-	-	
Classification:	-				
TRIS(2,4-DITERT-BUTYLPHENYL) PHOSPHITE	1 - < 3	31570-04-4 250-709-6	-	-	
Classification:	-				

30 - < 40

Other components below reportable

List of abbreviations and symbols that may be used above

ATE: Acute toxicity estimate.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

#: This substance has been assigned Union workplace exposure limit(s).

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The full text for all H-statements is displayed in section 16. **Composition comments** 

## **SECTION 4: First aid measures**

Take off all contaminated clothing immediately. If you feel unwell, seek medical advice (show the General information

label where possible). Ensure that medical personnel are aware of the material(s) involved, and

take precautions to protect themselves. Wash contaminated clothing before reuse.

4.1. Description of first aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison

center or doctor/physician if you feel unwell.

Remove contaminated clothing immediately and wash skin with soap and water. In case of Skin contact

eczema or other skin disorders: Seek medical attention and take along these instructions. Wash

contaminated clothing before reuse.

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if Eye contact

present and easy to do. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and

delayed

Direct contact with eyes may cause temporary irritation. May cause respiratory irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

Material name: PLEXUS® MA590 Activator 0993 Version #: 08 Revision date: 07-30-2023 Issue date: 06-16-2019 4.3. Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

## **SECTION 5: Firefighting measures**

General fire hazards

Highly flammable liquid and vapor.

5.1. Extinguishing media

Suitable extinguishing

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

media

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

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

Special protective equipment for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire fighting procedures

Specific methods

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

procedures so with

Use standard firefighting procedures and consider the hazards of other involved materials.

## **SECTION 6: Accidental release measures**

### 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. For personal protection, see section 8 of the SDS.

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

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.

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.

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.

Never return spills to original containers for re-use.

6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## **SECTION 7: Handling and storage**

# 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. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Store locked up. 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.

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

## 8.1. Control parameters

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n	CCLIN	ati∧na∣	exposure	limite

Components	Туре	Value	
nethyl methacrylate; methyl ?-methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)	Ceiling	420 mg/m3	
		100 ppm	
	MAK	210 mg/m3	
		50 ppm	
Belgium. OEL. Exposure Limit Value Chemical agents, as amended	es to Chemical Substances a	at Work, Code of Well-being a	at work, Book VI, Title 1 -
Components	Туре	Value	Form
nethyl methacrylate; methyl -methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)	STEL	416 mg/m3	
		100 ppm	
	TWA	208 mg/m3	
		50 ppm	
Paraffin Wax (CAS 8002-74-2)	TWA	2 mg/m3	Fume.
Bulgaria. OELs. Ordinance No 13 or	n protection of workers again	nst risks of exposure to chen	nical agents at work, as
mended Components	Туре	Value	
nethyl methacrylate; methyl -methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)	STEL	100 ppm	
0/10 00 02 0)	TWA	50 ppm	
Croatia. OELs (GVI). Regulation on Biological Limit Values, Annex I (NN		st Exposure to Dangerous Cl	nemicals at Work, OELs a
Components	Type	Value	Form
nethyl methacrylate; methyl -methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)	MAC	50 ppm	
·	STEL	100 ppm	
araffin Wax (CAS	MAC	2 mg/m3	Fume.
002-74-2)	STEL	6 mg/m3	Fume.
Cyprus. OELs. Occupational Expos		ls at Work (Safety and Health	at Work (Chem. Agents)
Reg., Ann. 1, R.A.A. 268/2001, as an Components	Type	Value	
nethyl methacrylate; methyl 2-methylprop-2-enoate; nethyl 2-methylpropenoate CAS 80-62-6)	STEL	100 ppm	
J	TWA	50 ppm	
Czech Republic. Occupational expo		Is at work (Decree on protec	tion of health at work,
Components	Type	Value	
nethyl methacrylate; methyl -methylprop-2-enoate; nethyl 2-methylpropenoate	Ceiling	150 mg/m3	
CAS 80-62-6)			

Material name: PLEXUS® MA590 Activator

SDS EU

Components	Туре	Value	Form
methyl methacrylate; meth 2-methylprop-2-enoate; methyl 2-methylpropenoat (CAS 80-62-6)		102 mg/m3	
(0) (0 00 02 0)		25 ppm	
Paraffin Wax (CAS 3002-74-2)	TLV	2 mg/m3	Fume.
•	onal Exposure Limits of Hazardous Sul Type	ostances (Regulation No. 105 Value	/2001, Annex), as amended Form
methyl methacrylate; meth 2-methylprop-2-enoate; nethyl 2-methylpropenoat CAS 80-62-6)		100 ppm	
,	TWA	50 ppm	
Paraffin Wax (CAS 3002-74-2)	TWA	2 mg/m3	Vapor.
Finland. HTP-arvot, App Components	3., Binding Limit Values, Social Affairs Type	and Ministry of Health Value	Form
nethyl methacrylate; meth P-methylprop-2-enoate; nethyl 2-methylpropenoat CAS 80-62-6)		210 mg/m3	
		50 ppm	
	TWA	42 mg/m3	
		10 ppm	
Paraffin Wax (CAS 3002-74-2)	TWA	1 mg/m3	Fume.
France. OELs. Occupatio Components	onal Exposure Limits as Prescribed by <i>I</i> Type	Art. R.4412-149 of Labor Cod Value	e, as amended
nethyl methacrylate; meth 2-methylprop-2-enoate; nethyl 2-methylpropenoat CAS 80-62-6)		410 mg/m3	
,		100 ppm	
	VME	205 mg/m3	
		50 ppm	
France. Threshold Limit Components	Values (VLEP) for Occupational Exposu Type	ure to Chemicals in France, II Value	NRS ED 984 Form
methyl methacrylate; meth 2-methylprop-2-enoate; methyl 2-methylpropenoat CAS 80-62-6)		410 mg/m3	
Regulatory status:	Regulatory binding (VRC)		
<b>5 ,</b>		100 ppm	
Regulatory status:	Regulatory binding (VRC)		
	VME	205 mg/m3	
Regulatory status:	Regulatory binding (VRC)		
		50 ppm	
	D 11 1: " (1/DC)		
Regulatory status: Paraffin Wax (CAS 8002-74-2)	Regulatory binding (VRC) VME	2 mg/m3	Fume.

Components	Туре	Value	
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	TWA	210 mg/m3	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		50 ppm	
Germany. TRGS 900, Limit Values in			
Components	Туре	Value	
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	AGW	210 mg/m3	
		50 ppm	
Greece. OELs, Presidential Decree I	-	W.L.	F
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)	STEL	6 mg/m3	Fume.
,	TWA	2 mg/m3	Fume.
Hungary. OELs. Decree on protectio Components	on of workers exposed to ch Type	nemical agents (5/2020. (II.6)). Value	Annex 1&2, as amended
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate CAS 80-62-6)	STEL	415 mg/m3	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	TWA	208 mg/m3	
celand. OELs. Regulation 390/2009	on Pollution Limits and Me	asures to Reduce Pollution a	t the Merkelane as amonde
	Туре	Value	Form
Components methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate			
Components methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	Туре	Value	
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)  Paraffin Wax (CAS	<b>Type</b> STEL	Value 100 ppm	
Components  methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)  Paraffin Wax (CAS 8002-74-2)  reland. OELVs, Schedules 1 & 2, Co	Type STEL TWA TWA	Value 100 ppm 50 ppm 2 mg/m3	Fume.
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)  Paraffin Wax (CAS 8002-74-2)  reland. OELVs, Schedules 1 & 2, Components  methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	Type STEL  TWA TWA  Dode of Practice for Chemica	Value  100 ppm  50 ppm 2 mg/m3	Form Fume.
components methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate CAS 80-62-6)  Paraffin Wax (CAS 8002-74-2)  reland. OELVs, Schedules 1 & 2, Co Components methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	Type STEL  TWA TWA  TWA  Dode of Practice for Chemical Type	Value  100 ppm  50 ppm 2 mg/m3  I Agents and Carcinogens Revolue	Form Fume.
components  methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)  Paraffin Wax (CAS 3002-74-2)  reland. OELVs, Schedules 1 & 2, Co components  methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)  Paraffin Wax (CAS	Type  STEL  TWA TWA  TWA  pode of Practice for Chemica Type  STEL	Value  100 ppm  50 ppm 2 mg/m3  I Agents and Carcinogens Revalue  100 ppm	Form Fume.
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)  Paraffin Wax (CAS 8002-74-2)  Ireland. OELVs, Schedules 1 & 2, Components  methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)  Paraffin Wax (CAS	Type  STEL  TWA TWA  Tode of Practice for Chemica Type  STEL  TWA	Value  100 ppm  50 ppm 2 mg/m3  I Agents and Carcinogens Revalue  100 ppm  50 ppm	Fume. egulations Form
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)  Paraffin Wax (CAS 8002-74-2)  reland. OELVs, Schedules 1 & 2, Components  methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)  Paraffin Wax (CAS 8002-74-2)	Type  STEL  TWA TWA  Type  STEL  TWA  STEL  TWA  STEL  TWA	Value  100 ppm  50 ppm 2 mg/m3  I Agents and Carcinogens Revalue  100 ppm  50 ppm 6 mg/m3	Fume.  Sigulations Form  Fume.
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate CAS 80-62-6)  Paraffin Wax (CAS 3002-74-2)  reland. OELVs, Schedules 1 & 2, Components methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate CAS 80-62-6)  Paraffin Wax (CAS 3002-74-2)  Paraffin Wax (CAS 3002-74-2)	Type  STEL  TWA TWA  Type  STEL  TWA  STEL  TWA  STEL  TWA	Value  100 ppm  50 ppm 2 mg/m3  I Agents and Carcinogens Revalue  100 ppm  50 ppm 6 mg/m3	Fume.  Sigulations Form  Fume.
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)  Paraffin Wax (CAS 8002-74-2)  Ireland. OELVs, Schedules 1 & 2, Co Components  methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)  Paraffin Wax (CAS 8002-74-2)  Italy. OELs (Legislative Decree n.81 Components  methyl methacrylate; methyl 2-methyl methacrylate; methyl 2-methyl methacrylate; methyl 2-methyl methacrylate; methyl 2-methyl prop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	Type STEL  TWA TWA  Type STEL  TWA STEL  TWA STEL  TWA , 9 April 2008), as amended	Value  100 ppm  50 ppm 2 mg/m3  I Agents and Carcinogens Revalue  100 ppm  50 ppm 6 mg/m3 2 mg/m3	Fume.  Fume.  Fume.  Fume.  Fume.
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)  Paraffin Wax (CAS 8002-74-2)  Ireland. OELVs, Schedules 1 & 2, Components  methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)  Paraffin Wax (CAS 8002-74-2)  Italy. OELs (Legislative Decree n.81 Components  methyl methacrylate; methyl 2-methylprop-2-enoate; methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylprop-2-enoate; methyl 2-methylprop-2-enoate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	Type  STEL  TWA TWA  Pode of Practice for Chemica Type  STEL  TWA STEL  TWA STEL  TWA , 9 April 2008), as amended Type	Value  100 ppm  50 ppm 2 mg/m3  I Agents and Carcinogens Revalue  100 ppm  50 ppm 6 mg/m3 2 mg/m3 Value	Fume.  Fume.  Fume.  Fume.  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	
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, $n \circ 235/2016$ , 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 and Safety of Workers from Risks related to Chemical Agents at Work (L.N 227/2003 Schedules I and V), 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	

# Netherlands. OELs per Annex XIII of Working Conditions Regulation (Staatscourant no. 252, 29 December 2006), as amended

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

# Norway. Regulation No. 1358 on Measures and Limit Values for Physical and Chemical Factors in Work Environment and Infection Groups for Biological Factors, as amended

Components	Туре	Value	Form
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	400 mg/m3	
		100 ppm	
	TLV	100 mg/m3	
		25 ppm	
Paraffin Wax (CAS	TLV	2 mg/m3	Fume.

# Poland. Maximum permissible concentrations and intensities of harmful factors in the work environment (Dz.U.Poz. 1286/2018, Annex 1)

Components	Туре	Value	Form
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	300 mg/m3	

# Poland. Maximum permissible concentrations and intensities of harmful factors in the work environment (Dz.U.Poz. 1286/2018, Annex 1)

Components	Туре	Value	Form
	TWA	100 mg/m3	
Paraffin Wax (CAS 8002-74-2)	TWA	2 mg/m3	Inhalable fraction.
Portugal. VLEs. Norm on occupation	onal exposure to chemical ag	gents (NP 1796-2014)	
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.
Romania. OELs. Limit Values of Clamended)	hemical Agents at Workplace	(Regulation 1.218/2006, M.O	845, Annex 1, 3&4, as
Components	Туре	Value	Form
0.1.0.1.0.0.1			

Components	Туре	Value	Form	
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 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.	
,	ΤWΑ	2 mg/m3	Fume	

# Slovakia. OELs. Maximum permissible exposure limits for chemical factors in workplace air (Regulation No 355/2006, Annex 1, Table 1, 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)	STEL	6 mg/m3	Fume.	
	TWA	2 mg/m3	Fume.	

# Slovenia. OELs. Occupational Exposure Limits of Chemicals at Workplace (Reg. on Protection of Workers from Risks due to Exp. to Chemicals at Work, Annex I), as amended

Components	Туре	Value	
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	TWA	210 mg/m3	

50 ppm

# Spain. OELs. INSST, Límites de Exposición Profesional Para Agentes Químicos, Table 1-Valores Límites Ambientales (VLAs)

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.	

Sweden. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as amended

amended Components	Туре	Value	
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	Ceiling	400 mg/m3	
		100 ppm	
	TWA	200 mg/m3	
		50 ppm	
Switzerland. SUVA Grenzw Components	erte am Arbeitsplatz: Aktuelle Type	e MAK-Werte Value	Form
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	420 mg/m3	
		100 ppm	
	TWA	210 mg/m3	
		50 ppm	
Paraffin Wax (CAS 8002-74-2)	TWA	2 mg/m3	Respirable fume.
UK. OELs. Workplace Expo Components	osure Limits (WELs) (EH40/200 Type	05 (Fourth Edition 2020)), Table 1 Value	Form
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	416 mg/m3	
	TWA	100 ppm	
	IVVA	208 mg/m3	
D	OTEL	50 ppm	F
Paraffin Wax (CAS 8002-74-2)	STEL	6 mg/m3	Fume.
	TWA	2 mg/m3	Fume.
EU. Indicative Exposure Li Components	mit Values in Directives 91/32 Type	2/EEC, 2000/39/EC, 2006/15/EC, 2009 Value	/161/EU, 2017/164/EU
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (CAS 80-62-6)	STEL	100 ppm	
	TWA	50 ppm	
ogical limit values	No biological exposure limits	noted for the ingredient(s).	
ommended monitoring cedures	Follow standard monitoring p	procedures.	
ived no effect levels ELs)	Not available.		
dicted no effect centrations (PNECs)	Not available.		
osure guidelines			
Croatia ELVs: Skin designa	ation		
methyl methacrylate; me methyl 2-methylpropeno Denmark GV: Skin designa		Can be absorbed through the skin.	
<u>-</u>	ethyl 2-methylprop-2-enoate; ate (CAS 80-62-6)	Can be absorbed through the skin.	
• •	ethyl 2-methylprop-2-enoate;	Can be absorbed through the skin.	

### Iceland OELs: Skin designation

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

Can be absorbed through the skin.

### 8.2. Exposure controls

Appropriate engineering

controls

Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

Individual protection measures, such as personal protective equipment

**General information** 

Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective

equipment.

Eye/face protection

Chemical respirator with organic vapor cartridge and full facepiece.

Skin protection

- Hand protection Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing. - Other

Respiratory protection

Chemical respirator with organic vapor cartridge and full facepiece.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

Hygiene measures

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

**Environmental exposure** 

controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to

acceptable levels.

## **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Physical state Liquid. **Form** Paste. Not available. Color

Fragrant Odor

Melting point/freezing point **Boiling point or initial boiling**  -54,4 °F (-48 °C) estimated

point and boiling range

212,9 °F (100,5 °C) estimated

**Flammability** Not applicable.

Upper/lower flammability or explosive limits 1,7 % Explosive limit - lower (%)

Explosive limit - upper (%) 12,5 %

Flash point 50,0 °F (10,0 °C) estimated 815 °F (435 °C) estimated **Auto-ignition temperature** 

Not available. **Decomposition temperature** Not available. Not available. Kinematic viscosity

Solubility

Solubility (water) Not available. **Partition coefficient** Not available.

(n-octanol/water) (log value)

28 mm Hg @ 68 F Vapor pressure

Density and/or relative density

0.94 g/cm3 estimated **Density** 

0993 Version #: 08 Revision date: 07-30-2023 Issue date: 06-16-2019

Not available. Vapor density Particle characteristics Not available.

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No relevant additional information available.

Material name: PLEXUS® MA590 Activator

### 9.2.2. Other safety characteristics

Specific gravity 0,94 estimated

# **SECTION 10: Stability and 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 normal use.

**10.4. Conditions to avoid**Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the

flash point. Contact with incompatible materials.

**10.5. Incompatible materials** Strong oxidizing agents. Nitrates. Peroxides.

**10.6. Hazardous** No hazardous decomposition products are known.

decomposition products

## **SECTION 11: Toxicological information**

**General information** Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

**Inhalation** May cause irritation to the respiratory system. Prolonged inhalation may be harmful.

**Skin contact**Causes skin irritation. May cause an allergic skin reaction. **Eye contact**Direct contact with eyes may cause temporary irritation.

Ingestion May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of

occupational exposure.

Symptoms May cause respiratory irritation. Skin irritation. May cause redness and pain. May cause an

allergic skin reaction. Dermatitis. Rash.

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

Acute toxicity Not known.

Components Species Test Results

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

Acute Oral

LD50 Rat 7800 mg/kg

**Skin corrosion/irritation** Causes skin irritation.

Serious eye damage/eye

irritation

Direct contact with eyes may cause temporary irritation.

**Respiratory sensitization**Due to partial or complete lack of data the classification is not possible.

**Skin sensitization** May cause an allergic skin reaction.

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 Evaluation of Carcinogenicity

methyl methacrylate; methyl 2-methylprop-2-enoate; 3 Not classifiable as to carcinogenicity to humans.

methyl 2-methylpropenoate (CAS 80-62-6)

**Reproductive toxicity** Due to partial or complete lack of data the classification is not possible.

Specific target organ toxicity -

single exposure

May cause respiratory irritation.

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

information

No information available.

### 11.2. Information on other hazards

**Endocrine disrupting** 

properties

This mixture does not contain any substances having endocrine disrupting properties with respect to human health 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.

Other information Not available.

### **SECTION 12: Ecological information**

Based on available data, the classification criteria are not met for hazardous to the aquatic 12.1. Toxicity

environment.

12.2. Persistence and

degradability

No data is available on the degradability of any ingredients in the mixture.

12.3. Bioaccumulative potential

**Partition coefficient** n-octanol/water (log Kow)

> methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 1,38

2-methylpropenoate

Not available. **Bioconcentration factor (BCF)** No data available. 12.4. Mobility in soil

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

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of Disposal methods/information

contents/container in accordance with local/regional/national/international regulations.

Special precautions Dispose in accordance with all applicable regulations.

### **SECTION 14: Transport information**

**ADR** 

14.1. UN number UN1133

14.2. UN proper shipping ADHESIVES containing flammable liquid (vapour pressure at 50 °C more than

name 110 kPa)

14.3. Transport hazard class(es)

3 Class Subsidiary risk 3 Label(s) 33 Hazard No. (ADR) **Tunnel restriction code** D/E 14.4. Packing group Ш

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 (vapour pressure at 50 °C not more than 110 kPa)

14.3. Transport hazard class(es)

3 Class Subsidiary risk 3 Label(s) Ш 14.4. Packing group 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** 

Material name: PLEXUS® MA590 Activator

14.2. UN proper shipping ADHESIVES containing flammable liquid

name

14.3. Transport hazard class(es)

Subsidiary risk 3 Label(s) Ш 14.4. Packing group 14.5. Environmental hazards No.

Read safety instructions, SDS and emergency procedures before handling. 14.6. Special precautions

for user

**IATA** 

14.1. UN number UN1133

14.2. UN proper shipping Adhesives containing flammable liquid, Limited Quantity

14.3. Transport hazard class(es)

3 Class Subsidiary risk 14.4. Packing group Ш 14.5. Environmental hazards No. **ERG Code** 

14.6. Special precautions

for user

Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

aircraft

Allowed with restrictions. Cargo aircraft only

**IMDG** 

UN1133 14.1. UN number

14.2. UN proper shipping ADHESIVES containing flammable liquid, Limited Quantity

Allowed with restrictions.

name

14.3. Transport hazard class(es)

3 Class Subsidiary risk 14.4. Packing group Ш 14.5. Environmental hazards Marine pollutant No.

**EmS** 

Read safety instructions, SDS and emergency procedures before handling. 14.6. Special precautions

for user

14.7. Maritime transport in bulk

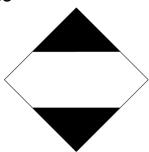
according to IMO instruments

Not established.

ADN; ADR; RID



### **IMDG**



## **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 Not listed.

UFI:

Austria: 4NA0-M0DR-J004-U3CP Belgium: 4NA0-M0DR-J004-U3CP Bulgaria: 4NA0-M0DR-J004-U3CP Croatia: 4NA0-M0DR-J004-U3CP Cyprus: 4NA0-M0DR-J004-U3CP Czech Republic: 4NA0-M0DR-J004-U3CP

Denmark: 4NA0-M0DR-J004-U3CP Estonia: 4NA0-M0DR-J004-U3CP EU: 4NA0-M0DR-J004-U3CP Finland: 4NA0-M0DR-J004-U3CP France: 4NA0-M0DR-J004-U3CP Germany: 4NA0-M0DR-J004-U3CP Greece: 4NA0-M0DR-J004-U3CP Hungary: 4NA0-M0DR-J004-U3CP Iceland: 4NA0-M0DR-J004-U3CP Ireland: 4NA0-M0DR-J004-U3CP Italy: 4NA0-M0DR-J004-U3CP Latvia: 4NA0-M0DR-J004-U3CP Lithuania: 4NA0-M0DR-J004-U3CP Luxembourg: 4NA0-M0DR-J004-U3CP Malta: 4NA0-M0DR-J004-U3CP Netherlands: 4NA0-M0DR-J004-U3CP Norway: 4NA0-M0DR-J004-U3CP Poland: 4NA0-M0DR-J004-U3CP Portugal: 4NA0-M0DR-J004-U3CP Romania: 4NA0-M0DR-J004-U3CP Slovakia: 4NA0-M0DR-J004-U3CP Slovenia: 4NA0-M0DR-J004-U3CP

### **Authorizations**

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

Spain: 4NA0-M0DR-J004-U3CP Sweden: 4NA0-M0DR-J004-U3CP

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

Not listed

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended

Not listed.

Other EU regulations 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

Other regulations The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP

Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation

(EC) No 1907/2006, as amended.

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.

### France regulations

### **France INRS Table of Occupational Diseases**

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

Affections provoquées par le méthacrylate de méthyle 82

### **Product registration number**

**Austria** UFI: 4NA0-M0DR-J004-U3CP **Belgium** UFI: 4NA0-M0DR-J004-U3CP **Czech Republic** UFI: 4NA0-M0DR-J004-U3CP UFI: 4NA0-M0DR-J004-U3CP **Denmark European Union** UFI: 4NA0-M0DR-J004-U3CP **Finland** UFI: 4NA0-M0DR-J004-U3CP UFI: 4NA0-M0DR-J004-U3CP France UFI: 4NA0-M0DR-J004-U3CP Germany UFI: 4NA0-M0DR-J004-U3CP Greece UFI: 4NA0-M0DR-J004-U3CP Hungary Italy UFI: 4NA0-M0DR-J004-U3CP **Netherlands** UFI: 4NA0-M0DR-J004-U3CP **Norway** UFI: 4NA0-M0DR-J004-U3CP **Poland** UFI: 4NA0-M0DR-J004-U3CP **Portugal** UFI: 4NA0-M0DR-J004-U3CP UFI: 4NA0-M0DR-J004-U3CP Slovakia UFI: 4NA0-M0DR-J004-U3CP Slovenia UFI: 4NA0-M0DR-J004-U3CP Spain UFI: 4NA0-M0DR-J004-U3CP Sweden UFI: 4NA0-M0DR-J004-U3CP Switzerland

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.

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.

PBT: Persistent, bioaccumulative and toxic.

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.

STEL: Short term exposure limit. TLV: Threshold Limit Value. TWA: Time Weighted Average. VLE: Exposure Limit Value. VME: Exposure Average Value.

Material name: PLEXUS® MA590 Activator

SDS EU

vPvB: Very persistent and very bioaccumulative.

References

Information on evaluation method leading to the classification of mixture

Full text of any statements, which are not written out in full under sections 2 to 15

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

H225 Highly flammable liquid and vapor.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction. H335 May cause respiratory irritation.

**Revision information** 

**Training information** 

Disclaimer

None.

Not available.

Follow training instructions when handling this material.

ITW Performance Polymers cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information 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. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.