



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Stabiloplast Accelerator 448 0002

Revision date: 23.11.2020

Product code: 4480002 N L I

Page 1 of 7

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Stabiloplast Accelerator 448 0002****Further trade names**

contained in: 448 0004 Stabiloplast Set

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

Polymerizationaccelerator

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet**Manufacturer**

Company name: Renfert GmbH
Street: Untere Giesswiesen 2
Place: D-78247 Hilzingen
Telephone: +49 7731 8208-0
e-mail: info@renfert.com
Internet: www.renfert.com

Telefax: +49 7731 8208-70

Supplier

Company name: Ivoclar ivadent Ltd
New ealand
Street: 12 Omega St
Place: GB- Rosedale, Auckland
Telephone: +64 9 914 9999
Internet: www.ivoclarivadent.co.nz

Telefax: +64 9 914 9990

1.4. Emergency telephone number: 0800 764 766 (National Poison Centre)
Poisons Hotline (24 hours / 7 days)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Flammable liquid: Flam. Liq. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Highly flammable liquid and vapour.

Causes serious eye irritation.

May cause drowsiness or dizziness.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

acetone

Signal word:

Danger

Pictograms:**Hazard statements**

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves and eye/face protection.
P337+P313 If eye irritation persists: Get medical advice/attention.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Stabiloplast Accelerator 448 0002

Revision date: 23.11.2020

Product code: 4480002 N L I

Page 2 of 7

Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Polymerizationaccelerator

Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	GHS Classification			
67-64-1	acetone			> 80 %
	200-662-2	606-001-00-8	01-21 19471330-49	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066			
99-97-8	N,N-dimethyl-p-toluidine			< 1 %
	202-805-4	612-056-00-9	01-21 19956633-31	
	Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, STOT RE 2, Aquatic Chronic 3; H330 H311 H301 H373 H412			

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

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Remove contaminated, saturated clothing immediately.

After inhalation

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

After contact with skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

vapours may cause drowsiness and dizziness. Processing vapours can irritate the respiratory tracts, skin and eyes.

Repeated exposure may cause skin dryness or cracking.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Extinguishing powder, Carbon dioxide (CO₂), alcohol resistant foam, Water spray jet**Unsuitable extinguishing media**

Full water jet

5.2. Special hazards arising from the substance or mixture

vapours can form explosive mixtures with air.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

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

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation.

Use personal protection equipment.

Remove all sources of ignition.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Stabiloplast Accelerator 448 0002

Revision date: 23.11.2020

Product code: 4480002 N L I

Page 3 of 7

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed and suitable containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Use only in well-ventilated areas.

Avoid contact with eyes and skin.

When using do not eat, drink or smoke.

Advice on protection against fire and explosion

vapours can form explosive mixtures with air. Keep away from sources of ignition - No smoking.

Further information on handling

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.

7.3. Specific end use(s)Please refer to our internet website for more information: www.renfert.com**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
67-64-1	Acetone	500	1210		TWA (8 h)	WEL
		1500	3620		STEL (15 min)	WEL

8.2. Exposure controls**Appropriate engineering controls**

Safe handling: see section 7

Protective and hygiene measures

Do not breathe vapour.

Avoid contact with skin, eyes and clothes.

Wash hands before breaks and after work.

Keep away from food, drink and animal feedingstuffs.

Eye/face protection

Wear eye/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

Suitable material: Butyl caoutchouc (butyl rubber)

Thickness of the glove material: 0,5 mm

Breakthrough time: >= 240 min

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

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Respiratory protection

Use only in well-ventilated areas.

Usually no personal respirative protection necessary.

Respiratory protection necessary at: insufficient ventilation

Environmental exposure controls

Do not allow to enter into surface water or drains.



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Stabiloplast Accelerator 448 0002

Revision date: 23.11.2020

Product code: 4480002 N L I

Page 4 of 7

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Colour: clear
Odour: characteristic

Test method

pH- alue: not applicable

Changes in the physical state

Melting point: not determined
Initial boiling point and boiling range: 54 °C
Flash point: - 18 °C DIN 51755 (cc)

Flammability

Solid: No data available
Gas: No data available

Explosive properties

not explosive.
apours can form explosive mixtures with air.

Lower explosion limits: 2,5 * vol. %
Upper explosion limits: 13,0 * vol. %
Ignition temperature: **Auto-ignition temperature** 535 * °C Literaturwert

ignition temperature

Solid: No data available
Gas: No data available

Decomposition temperature: not determined
apour pressure: 246 * hPa

Density (at 20 °C): 0,78 - 0,82g/cm3

Water solubility: miscible

Partition coefficient: log Pow: - 0,24 *

iscosity / dynamic: not determined

iscosity / kinematic: not determined

apour density: not determined

Evaporation rate: No data available

Solvent content: > 80 %

9.2. Other information

* Data apply to the main component.

SECTION 10: Stability and reactivity

10.1. Reactivity

apours can form explosive mixtures with air.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. May form explosive peroxides.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

iolent reaction with: Oxidising agent, strong

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Stabiloplast Accelerator 448 0002

Revision date: 23.11.2020

Product code: 4480002 N L I

Page 5 of 7

CAS No	Chemical name					
	Exposure route	Dose	Species	Source	Method	
67-64-1	acetone					
	inhalation (4 h) vapour	LC50 76 mg/l	Rat			
99-97-8	N,N-dimethyl-p-toluidine					
	oral	LD50 250 mg/kg	Mouse	IUCLID		
	dermal	ATE 300 mg/kg				
	inhalation (4 h) vapour	LC50 1,4 mg/l	Rat	IUCLID		
	inhalation aerosol	ATE 0,05 mg/l				

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

May cause drowsiness or dizziness. (acetone)

STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

Aspiration hazard

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

Further information

The product has not been tested. The statement is derived from the properties of the single components.

SECTION 12: Ecological information**12.1. Toxicity**

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] I [d]	Species	Source	Method
99-97-8	N,N-dimethyl-p-toluidine					
	Acute fish toxicity	LC50 52,8 mg/l	96 h	Pimephales promelas (fathead minnow)	IUCLID	

12.2. Persistence and degradability

There are no data available on the mixture itself.

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67-64-1	acetone	-0,24
99-97-8	N,N-dimethyl-p-toluidine	2,81

12.4. Mobility in soil

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

Further information

The product has not been tested. The statement is derived from the properties of the single components. Do not allow uncontrolled discharge of product into the environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation.

Contaminated packaging

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Stabiloplast Accelerator 448 0002

Revision date: 23.11.2020

Product code: 4480002 N L I

Page 6 of 7

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN 1090
14.2. UN proper shipping name: ACETON
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3



Marine transport (IMDG)

14.1. UN number: UN 1090
14.2. UN proper shipping name: ACETONE (ACETONE SOLUTIONS)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3



Marine pollutant: no

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1090
14.2. UN proper shipping name: Acetone
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3



14.5. Environmental hazards

ENVIRONMENTALLY HARMFUL: no

14.6. Special precautions for user

Further information: see section 6, 7, 8

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

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

Classified as Hazardous according to the criteria of the National Occupational Health and Safety

Commission (NOHSC) approved criteria for the classifying hazardous substances [NOHSC: 1008] 3rd edition.

Standard for the Uniform Scheduling of Medicines and Poisons.

Carcinogen classification under WHS Regulation 2011, Schedule 10.

Notification status in accordance with section 3 and current national legislation.

HSNO Approval: HSR006435, HSR003833

EPA NZ Classes of hazardous properties:

Classification 3.1B Flammable liquid - very high hazard

Classification 6.3B Substances that are mildly irritating to the skin



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Stabiloplast Accelerator 448 0002

Revision date: 23.11.2020

Product code: 4480002 N L I

Page 7 of 7

Classification 6.4A Substances that are irritating to the eye

Classification 6.1D (All) Acutely toxic

Classification 6.1E (D) Acutely toxic

Classification 6.3B Mildly irritating to the skin

Classification 6.9B (All) Harmful to human target organs or systems

Classification 9.1C (All) Harmful in the aquatic environment



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Stabiloplast Accelerator 448 0002

Revision date: 23.11.2020

Product code: 4480002 N L I

Page 8 of 7

SECTION 16: Other information**Abbreviations and acronyms**

PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LD50: lethal dose, 50%
LC50: lethal concentration, 50%
EC50: half maximal effective concentration
ADR: Accord europeen relatif au transport international des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Reglement concernant le transport international ferroviaire de marchandises Dangereuses (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
ICAO: International Civil Aviation Organization
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
OC: volatile organic compound(s)

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Eye Irrit. 2; H319	Calculation method
STOT SE 3; H336	Calculation method

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.

Further Information

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

Restricted to professional users.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Stabiloplast Resin 448 0003

Revision date: 23.11.2020

Product code: 4480003 N L I

Page 1 of 7

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Stabiloplast Resin 448 0003****Further trade names**

contained in: 448 0004 Stabiloplast Set

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

Adhesives, sealants

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet**Manufacturer**

Company name: Renfert GmbH
Street: Untere Giesswiesen 2
Place: D-78247 Hilzingen
Telephone: +49 7731 8208-0
e-mail: info@renfert.com
Internet: www.renfert.com

Telefax: +49 7731 8208-70

Supplier

Company name: Ivoclar Vivadent Ltd
New Zealand
Street: 12 Omega St
Place: GB- Rosedale, Auckland
Telephone: +64 9 914 9999
Internet: www.ivoclarvivadent.co.nz

Telefax: +64 9 914 9990

1.4. Emergency telephone number: 0800 764 766 (National Poison Centre)
Poisons Hotline (24 hours / 7 days)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

Harmful to aquatic life with long lasting effects.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

ethyl 2-cyanoacrylate

Signal word: Warning**Pictograms:****Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves and eye/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P337+P313 If eye irritation persists: Get medical advice/attention.



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Stabiloplast Resin 448 0003

Revision date: 23.11.2020

Product code: 4480003 NZL IV

Page 2 of 7

Special labelling of certain mixtures

EUH202

Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Cyanoacrylate containing adhesive.

Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	GHS Classification			
7085-85-0	ethyl 2-cyanoacrylate			50 - 100
	230-391-5	607-236-00-9	01-21 19527766-29	
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335			
123-31-9	1,4-dihydroxybenzene			0,1
	204-617-8	604-005-00-4	01-21 19524016-51	
	Carc. 2, Muta. 2, Acute Tox. 4, Eye Dam. 1, Skin Sens. 1B, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1 (M-Factor = 10); H351 H341 H302 H318 H317 H400 H410			

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

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Take off contaminated clothing and wash it before reuse.

After inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

After contact with skin

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

After ingestion

Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Extinguishing powder, Carbon dioxide (CO₂), alcohol resistant foam, Water spray jet**Unsuitable extinguishing media**

Full water jet

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to the escape of irritating gases and vapours.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protection equipment.

Provide adequate ventilation.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Stabiloplast Resin 448 0003

Revision date: 23.11.2020

Product code: 4480003 NZL IV

Page 3 of 7

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Allow stiffening. Take up mechanically.

6.4. Reference to other sections

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

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Handle and open container with care.
Use only in well-ventilated areas.
Avoid contact with eyes and skin.
When using do not eat, drink or smoke.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Further information on handling

If handled uncovered, arrangements with local exhaust ventilation have to be used.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep only in the original container in a cool, well-ventilated place.
Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

Further information on storage conditions

storage temperature: 6 - 15 °C
Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

7.3. Specific end use(s)

Please refer to our internet website for more information: www.renfert.com

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
7085-85-0	Ethyl cyanoacrylate	0.3	1.5		STEL (15 min)	WEL
123-31-9	Hydroquinone		0.5		TWA (8 h)	WEL

8.2. Exposure controls**Appropriate engineering controls**

Safe handling: see section 7

Protective and hygiene measures

Do not breathe vapour.
Avoid contact with skin, eyes and clothes.
Wash hands before breaks and after work.
Keep away from food, drink and animal feedingstuffs.

Eye/face protection

Wear eye/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Suitable material: NBR (Nitrile rubber)
Thickness of the glove material: 0,5 mm
Breakthrough time: > 30 min

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

Respiratory protection

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.
Respiratory protection necessary at: insufficient ventilation



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Stabiloplast Resin 448 0003

Revision date: 23.11.2020

Product code: 4480003 NZL IV

Page 4 of 7

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state: Liquid
Colour: blue
Odour: characteristic

Test method

pH-Value: not applicable

Changes in the physical state

Melting point: not determined
Initial boiling point and boiling range: 150 °C Literaturwert
Flash point: 87 °C DIN 51758

Flammability

Solid: not applicable
Gas: not applicable

Explosive properties

not explosive according to EU A.14

Lower explosion limits: not determined
Upper explosion limits: not determined
Ignition temperature: not determined

Auto-ignition temperature

Solid: not applicable
Gas: not applicable

Decomposition temperature: not determined

Vapour pressure: 0,3 hPa

(at 20 °C)

Density: not determined

Water solubility: practically insoluble

Partition coefficient: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic: not determined

Vapour density: not determined

Evaporation rate: not determined

Solvent content: 0,0

9.2. Other information

No data available

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Violent reaction with: Alcohols, Amines, Alkali (lye), Acid, Water

10.4. Conditions to avoid

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Stabiloplast Resin 448 0003

Revision date: 23.11.2020

Product code: 4480003 NZL IV

Page 5 of 7

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
123-31-9	1,4-dihydroxybenzene				
	oral	LD50	375 mg/kg	Rat	OECD 401

Irritation and corrosivity

- Causes skin irritation.
- Causes serious eye irritation.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

May cause respiratory irritation. (ethyl 2-cyanoacrylate)

STOT-repeated exposure

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

Aspiration hazard

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

Further information

The product has not been tested. The statement is derived from the properties of the single components.

SECTION 12: Ecological information**12.1. Toxicity**

There are no data available on the mixture itself.

12.2. Persistence and degradability

There are no data available on the mixture itself.

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

Further information

- Do not allow uncontrolled discharge of product into the environment.
- The product has not been tested. Due to the consistency along with the low water solubility of the product a bioavailability is unlikely.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation.

Contaminated packaging

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

SECTION 14: Transport information**Land transport (ADR/RID)****Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

Marine transport (IMDG)**Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)**Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Stabiloplast Resin 448 0003

Revision date: 23.11.2020

Product code: 4480003 NZL IV

Page 6 of 7

14.6. Special precautions for user

not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

2004/42/EC (VOC): not applicable

National regulatory information

Water hazard class (D): 2 - strongly hazardous to water

Additional information

Regulation (EC) No 1005/2009 (Ozone depleting substances): not applicable

Regulation (EU) 2019/1021 (persistent organic pollutants): not applicable

Regulation (EU) No 649/2012 (export and import of hazardous chemicals): not applicable

HSNO classification:

Skin corrosion / irritation Category 2: 6.3A

Serious eye damage / eye irritation Category 2: 6.4A

Specific target organ toxicity (single exposure) Category 3: 6.1E

Aquatic toxicity (chronic) Category 3: 9.1C

SECTION 16: Other information**Abbreviations and acronyms**

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LD50: lethal dose, 50

LC50: lethal concentration, 50

EC50: half maximal effective concentration

ADR: Accord europeen relatif au transport international des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Reglement concernant le transport international ferroviaire de marchandises Dangereuses (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

VOC: volatile organic compound(s)

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
STOT SE 3; H335	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Stabiloplast Resin 448 0003

Revision date: 23.11.2020

Product code: 4480003 NZL IV

Page 7 of 7

data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
Restricted to professional users.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)