

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Stabiloplast Kunststoff 448-0003

Print date: 13.04.2012

Product code: 448-0003

Page 1 of 6

SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product identifier**

Stabiloplast Kunststoff 448-0003

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

Adhesives, sealants

Details of the supplier of the safety data sheet

Company name:	Renfert GmbH	
Street:	Untere Giesswiesen 2	
Place:	D-78247 Hilzingen	
Telephone:	+49 7731 8208-0	Telefax: +49 7731 8208-70
e-mail:	info@renfert.com	
Contact person:	Frau Andris	Telephone: +49 7731 8208-927
Internet:	www.renfert.com	

Emergency telephone: Vergiftungs-Zentrale Freiburg
+49 761 19 240

SECTION 2: Hazards identification**Classification of the substance or mixture**

Indications of danger : Irritant

R-phrases:

Irritating to eyes, respiratory system and skin.

Cyanacrylate! Danger! Skin and eyelids will stick together in seconds. Keep out of the reach of children.

Label elements

Danger symbols: Xi - Irritant



Xi - Irritant

R phrases

36/37/38 Irritating to eyes, respiratory system and skin.

S phrases

23 Do not breathe Do not breathe vapour. .
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
51 Use only in well-ventilated areas.
24/25 Avoid contact with skin and eyes.

Special labelling of certain mixtures

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

Additional advice on labelling

The R and S phrases can be omitted if the pack contains no more than 0,125 litres.

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Stabiloplast Kunststoff 448-0003

Print date: 13.04.2012

Product code: 448-0003

Page 2 of 6

Chemical characterization

Adhesive (Ethyl-2-cyanoacrylat)

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
230-391-5	ethyl 2-cyanoacrylate	> 10 %
7085-85-0	Xi R36/37/38	
607-236-00-9	Eye Irrit. 2, STOT SE 3, Skin Irrit. 2; H319 H335 H315	

Full text of R- and H-phrases: see section 16.

SECTION 4: First aid measures**Description of first aid measures****After inhalation**

Provide fresh air. Seek medical attention if problems persist.

After contact with skinAfter contact with skin, wash immediately with: Water and soap.
In case of skin irritation, seek medical treatment.**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Immediately get medical attention.

Most important symptoms and effects, both acute and delayed

shortage of breath.

Indication of any immediate medical attention and special treatment needed

In the case of lung irritation: Primary treatment using corticoide spray, eg. Auxiluson spray, Pulmicort-dosage-spray. (Auxiluson and Pulmicort are registered trademarks).

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media**alcohol resistant foam. Extinguishing powder. Carbon dioxide (CO₂). Water spray.**Special hazards arising from the substance or mixture**Thermal decomposition can lead to the escape of irritating gases and vapours.
Can be released in case of fire: Carbon dioxide (CO₂). Nitrogen oxides (NO_x).**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****Personal precautions, protective equipment and emergency procedures**Wear personal protection equipment.
Provide adequate ventilation.**Environmental precautions**

Do not empty into drains or the aquatic environment.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Stabiloplast Kunststoff 448-0003

Print date: 13.04.2012

Product code: 448-0003

Page 3 of 6

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. Collect mechanically.

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

Handle and open container with care.
Use only in well-ventilated areas.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Further information on handling

In case of open handling equipment with built-in suction must be used.

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.

Advice on storage compatibility

Do not store together with: Alkalis (alkalis).

Further information on storage conditions

Do not store at temperatures over: 10°C
Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

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

CAS No	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
7085-85-0	Ethyl cyanoacrylate	-	-		TWA (8 h)	WEL
		0.3	1.5		STEL (15 min)	WEL

Exposure controls**Occupational exposure controls**

refer to chapter 7. No further action is necessary.

Protective and hygiene measures

Do not breathe vapour.
Avoid contact with skin, eye and clothing.
Wash hands before breaks and at the end of work.
Protect skin by using skin protective cream.

Respiratory protection

Respiratory protection required in case of: insufficient ventilation.

Hand protection

Tested protective gloves are to be worn: Suitable material: Synthetic rubber gloves
In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Eye protection

Tightly sealed safety glasses.

Environmental exposure controls

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Safety Data Sheet

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Stabiloplast Kunststoff 448-0003

Print date: 13.04.2012

Product code: 448-0003

Page 4 of 6

SECTION 9: Physical and chemical properties

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

Boiling point: > 200 °C

Flash point: 87 °C DIN 51758

Explosive properties

not explosive.

Density (at 20 °C): 1,05 - 1,09 g/cm³

Water solubility: practically insoluble

Viscosity / dynamic:
(at 25 °C) 2 - 20.000 mPa·s

SECTION 10: Stability and reactivity

Reactivity

Reacts with : Water. Alkalis (alkalis). Amines. Oxidizing agents.

Chemical stability

refer to chapter 7. No further action is necessary.

Possibility of hazardous reactions

Polymerisation with evolution of heat.

SECTION 11: Toxicological information

Information on toxicological effects

Irritation and corrosivity

Irritant effect on the skin: irritant.

species: Rabbit.

Irritant effect on the eye: irritant.

species: Rabbit.

Sensitising effects

May cause sensitization by inhalation.

Empirical data on effects on humans

Irritating to eyes, respiratory system and skin.

Cyanacrylate! Danger! Skin and eyelids will stick together in seconds. Keep out of the reach of children.

SECTION 12: Ecological information

Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Further information

Do not allow uncontrolled leakage of product into the environment.

product has not been tested. Due to the consistency along with the low water solubility of the product, bioavailability is unlikely.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Stabiloplast Kunststoff 448-0003

Print date: 13.04.2012

Product code: 448-0003

Page 5 of 6

SECTION 13: Disposal considerations**Waste treatment methods****Advice on disposal**

Remove according to the regulations.

Waste disposal number of waste from residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other dangerous substances
Classified as hazardous waste.

Contaminated packaging

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

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

Not a hazardous material with respect to these transportation regulations.

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

Not a hazardous material with respect to these transportation regulations.

Air transport**Other applicable information (air transport)**

Not a hazardous material with respect to these transportation regulations.

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

1999/13/EC (VOC): not applicable

National regulatory information

Water contaminating class (D): 2 - water contaminating

SECTION 16: Other information**Full text of R-phrases referred to under sections 2 and 3**

36/37/38 Irritating to eyes, respiratory system and skin.

Full text of H-Statements referred to under sections 2 and 3

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

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.

Reserved for industrial and professional use.



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Page 6 of 6

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