

Safety Data Sheet

according to UK REACH Regulation

RASCOflex AY-AC02

Revision date: 30.09.2025

Page 1 of 12

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

1.1. Product identifier

RASCOflex AY-AC02

Substance name:	Methacrylsäure-2-(dimethylamino)-ethylester
CAS No:	2867-47-2
Index No:	607-132-00-3
EC No:	220-688-8
UFI:	5538-G2RA-2006-ENP4

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

Use of the substance/mixture

2K injection sealant

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Company name:	RASCOR International Ltd.	
Street:	Gewerbstrasse 4	
Place:	CH-8162 Steinmaur	
Telephone:	+41 (0)448571111	
E-mail:	info@rascor.com	
Contact person:	Labor	Telephone: +41 (0)44 857 11 11
E-mail:	labor@rascor.com	
Internet:	www.rascor.com	

1.4. Emergency telephone number:

+41 44 251 51 51

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Acute Tox. 4; H312
Acute Tox. 4; H302
Skin Irrit. 2; H315
Eye Irrit. 2; H319
Skin Sens. 1; H317

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Signal word: Warning

Pictograms:



Hazard statements

H302+H312	Harmful if swallowed or in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

Safety Data Sheet

according to UK REACH Regulation

RASCOflex AY-AC02

Revision date: 30.09.2025

Page 2 of 12

H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352 IF ON SKIN: Wash with plenty of Wash with plenty of water and soap..
P362+P364 Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

The mixture does not contain a vPvB substance (vPvB = very persistent, very bioaccumulative) or does not fall under Annex XIII of Regulation (EC) 1907/2006 (< 0.1 %). The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or does not fall under Annex XIII of Regulation (EC) 1907/2006 (< 0.1 %). The mixture does not contain any substance with endocrine disrupting properties (< 0.1 %).

SECTION 3: Composition/information on ingredients

3.1. Substances

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
2867-47-2	Methacrylsäure-2-(dimethylamino)-ethylester			100 %
	220-688-8	607-132-00-3		
	Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H312 H302 H315 H319 H317			

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
2867-47-2	220-688-8	Methacrylsäure-2-(dimethylamino)-ethylester	100 %
	dermal: ATE = 1100 mg/kg; oral: ATE = 500 mg/kg		

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Ensure that first aiders protect themselves!
Never give anything by mouth to an unconscious person!

After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice. Remove person from danger zone. Supply the person with fresh air and consult a doctor depending on the symptoms.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary. Wash thoroughly with plenty of soap and water, remove contaminated, soaked clothing immediately, consult a doctor if skin irritation (redness etc.) occurs.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Remove contact lenses.
Rinse thoroughly with plenty of water for several minutes, consult a doctor if necessary.

Safety Data Sheet

according to UK REACH Regulation

RASCOflex AY-AC02

Revision date: 30.09.2025

Page 3 of 12

After ingestion

Rinse mouth immediately and drink 1 glass of water. Medical treatment necessary. Rinse mouth thoroughly with water, give plenty of water to drink, consult a doctor immediately.

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

If applicable, delayed symptoms and effects can be found in section 11. or in the intake routes under section 4.1.

May occur:

Irritation of the eyes In case of prolonged contact:

Dermatitis (skin inflammation) Sensitive persons:

Allergic reaction possible.

In certain cases, symptoms of poisoning may only appear after a longer period of time/after several hours.

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

Co-ordinate fire-fighting measures to the fire surroundings. Water spray jet Foam Dry extinguishing powder

Unsuitable extinguishing media

No information available.

5.2. Special hazards arising from the substance or mixture

Non-flammable. In case of fire may be liberated:

Carbon monoxide Carbon dioxide (CO₂) Nitrogen oxides (NO_x) Gases/vapours, toxic

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit. Personal protective equipment see section 8. Do not inhale explosion and combustion gases.

Self-contained breathing apparatus. Depending on the size of the fire

Full protection if necessary.

Cool endangered containers with water.

Dispose of contaminated extinguishing water in accordance with official regulations.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.

Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

For non-emergency personnel

In case of spillage or accidental release, wear personal protective equipment as described in section 8 to prevent contamination.

Ensure adequate ventilation, remove sources of ignition.

In case of solid or powdery products, avoid dust formation. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure adequate ventilation.

Avoid contact with eyes and skin. Be aware of the risk of slipping.

For emergency responders

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains. In case of leakage of larger quantities, contain. Eliminate

Safety Data Sheet

according to UK REACH Regulation

RASCOflex AY-AC02

Revision date: 30.09.2025

Page 4 of 12

leaks if possible without risk. Do not allow to enter the sewage system.
Avoid penetration into surface and ground water as well as into the soil.

6.3. Methods and material for containment and cleaning up

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste 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

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Ensure good room ventilation. Avoid contact with eyes and skin.
Do not eat, drink, smoke or store food in the work area. Observe the information on the label and the instructions for use.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.
Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. The general hygiene measures for handling chemicals must be applied. Wash hands before breaks and at the end of work.
Keep away from food, drink and animal feed.
Remove contaminated clothing and protective equipment before entering areas where food is eaten.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Do not store the product in passageways and stairways. Store product only in original packaging and closed. Store at room temperature.
Protect from frost.

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

2K injection sealant

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls



Individual protection measures, such as personal protective equipment

Safety Data Sheet

according to UK REACH Regulation

RASCOflex AY-AC02

Revision date: 30.09.2025

Page 5 of 12

Eye/face protection

Suitable eye protection: goggles. Safety goggles (EN 166) tight-fitting with side shields, in case of risk of splashes.

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. 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. Chemical-resistant protective gloves (EN ISO 374). If necessary
Protective gloves made of butyl (EN ISO 374) Protective gloves made of nitrile (EN ISO 374). Protective gloves made of PVC (EN ISO 374) Hand protection cream recommended.

The breakthrough times determined in accordance with EN 16523-1 were not carried out under practical conditions. A maximum wearing time corresponding to 50% of the breakthrough time is recommended.

Skin protection - Other protective measures:

Protective work clothing (e.g. safety shoes EN ISO 20345, long-sleeved work clothing).

Skin protection

Use of protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Respiratory protection should be worn if the occupational exposure limits

should be worn. If there are no occupational exposure limits, in the event of harmful effects such as respiratory irritation or physical discomfort or when indicated by the risk indicated by the risk assessment process, respiratory protection should be worn. In most most cases, respiratory protection should not be necessary. However, if discomfort occurs an approved filtering facepiece respirator should be used.

The following CE approved respirator should be used: Cartridge for organic vapours vapours, type A (boiling point > 65 °C, complies with EN 14387).

Thermal hazards

No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	colourless
Odour:	neutral

Melting point/freezing point:	No information available.
Boiling point or initial boiling point and boiling range:	>100 °C
Flammability:	Flammable.
Lower explosion limits:	1,8 vol. %
Upper explosion limits:	12,8 vol. %
Flash point:	>100 °C
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value (at 20 °C):	11
Viscosity / kinematic:	not determined
Water solubility:	easily soluble
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined

Test method

Safety Data Sheet

according to UK REACH Regulation

RASCOflex AY-AC02

Revision date: 30.09.2025

Page 6 of 12

Vapour pressure:	not determined
Density (at 20 °C):	1.12 g/cm ³ ISO 2811
Relative vapour density:	not determined
Particle characteristics:	not applicable

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

The product is not: Explosive.

Sustained combustibility:

UN Test L.2

Oxidizing properties

The product is not: oxidising.

Other safety characteristics

Viscosity / dynamic:
(at 20 °C)

60-90 mPa·s ISO 2555

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Safe handling: see section 7

10.5. Incompatible materials

Safe handling: see section 7

Oxidising agent, strong

10.6. Hazardous decomposition products

Decomposition products in case of fire: see section 5.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Harmful in contact with skin.

Harmful if swallowed.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
2867-47-2	Methacrylsäure-2-(dimethylamino)-ethylester				
	oral	ATE 500 mg/kg			
	dermal	ATE 1100 mg/kg			

Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

Sensitising effects

May cause an allergic skin reaction. (Methacrylsäure-2-(dimethylamino)-ethylester)

Safety Data Sheet

according to UK REACH Regulation

RASCOflex AY-AC02

Revision date: 30.09.2025

Page 7 of 12

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

STOT-single exposure

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

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.

11.2. Information on other hazards

Other information

This substance is classified as hazardous according to Regulation (EC) No 1272 (2008).

SECTION 12: Ecological information

12.1. Toxicity

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

The product is not: Ecotoxic.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of UK REACH.

The product has not been tested.

12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

List of Wastes Code - 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 hazardous substances; hazardous waste

List of Wastes Code - used product

Safety Data Sheet

according to UK REACH Regulation

RASCOflex AY-AC02

Revision date: 30.09.2025

Page 8 of 12

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 hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging


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 hazardous substances; hazardous waste

Contaminated packaging


Wash with plenty of water. Completely emptied packages can be recycled. Dispose according to legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	UN 2522
14.2. UN proper shipping name:	2-DIMETHYLAMINOETHYL METHACRYLATE, STABILIZED
14.3. Transport hazard class(es):	6.1
14.4. Packing group:	II
Hazard label:	6.1
	
Classification code:	T1
Special Provisions:	386 676
Limited quantity:	100 mL
Excepted quantity:	E4
Transport category:	2
Hazard No:	69
Tunnel restriction code:	D/E

Inland waterways transport (ADN)

14.1. UN number or ID number:	UN 2522
14.2. UN proper shipping name:	2-DIMETHYLAMINOETHYL METHACRYLATE, STABILIZED
14.3. Transport hazard class(es):	6.1
14.4. Packing group:	II
Hazard label:	6.1
	

Classification code:	T1
Special Provisions:	386 676 802
Limited quantity:	100 mL
Excepted quantity:	E4

Marine transport (IMDG)

14.1. UN number or ID number:	UN 2522
14.2. UN proper shipping name:	2-DIMETHYLAMINOETHYL METHACRYLATE, STABILIZED
14.3. Transport hazard class(es):	6.1
14.4. Packing group:	II
Hazard label:	6.1

Safety Data Sheet

according to UK REACH Regulation

RASCOflex AY-AC02

Revision date: 30.09.2025

Page 9 of 12



Special Provisions: 386
 Limited quantity: 100 mL
 Excepted quantity: E4
 EmS: F-A, S-A

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 2522
14.2. UN proper shipping name: 2-DIMETHYLAMINOETHYL METHACRYLATE, STABILIZED
14.3. Transport hazard class(es): 6.1
14.4. Packing group: II
 Hazard label: 6.1



Special Provisions: A209
 Limited quantity Passenger: 1 L
 Passenger LQ: Y641
 Excepted quantity: E4
 IATA-packing instructions - Passenger: 654
 IATA-max. quantity - Passenger: 5 L
 IATA-packing instructions - Cargo: 662
 IATA-max. quantity - Cargo: 60 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Warning: Acute Toxicity. No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

Other applicable information

Hazchem code: •2W

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 75

Directive 2010/75/EU on industrial emissions: 0%

Directive 2004/42/EC on VOC in paints and varnishes: 0%

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

Safety Data Sheet

according to UK REACH Regulation

RASCOflex AY-AC02

Revision date: 30.09.2025

Page 10 of 12

Skin resorption/Sensitization:

Permeates easily through outer skin and causes poisoning. Causes allergic hypersensitivity reactions.

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 15.

Safety Data Sheet

according to UK REACH Regulation

RASCOflex AY-AC02

Revision date: 30.09.2025

Page 11 of 12

Abbreviations and acronyms

CLP: Classification, labelling and Packaging
 REACH: Registration, Evaluation and Authorization of Chemicals
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
 UN: United Nations
 CAS: Chemical Abstracts Service
 DNEL: Derived No Effect Level
 DMEL: Derived Minimal Effect Level
 PNEC: Predicted No Effect Concentration
 ATE: Acute toxicity estimate
 LC50: Lethal concentration, 50%
 LD50: Lethal dose, 50%
 LL50: Lethal loading, 50%
 EL50: Effect loading, 50%
 EC50: Effective Concentration 50%
 ErC50: Effective Concentration 50%, growth rate
 NOEC: No Observed Effect Concentration
 BCF: Bio-concentration factor
 PBT: persistent, bioaccumulative, toxic
 vPvB: very persistent, very bioaccumulative
 ADR: Accord européen sur le transport des marchandises dangereuses par Route
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 RID: Regulations concerning the international carriage of dangerous goods by rail
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation
 intérieures)
 IMDG: International Maritime Code for Dangerous Goods
 EmS: Emergency Schedules
 MFAG: Medical First Aid Guide
 IATA: International Air Transport Association
 ICAO: International Civil Aviation Organization
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships
 IBC: Intermediate Bulk Container
 VOC: Volatile Organic Compounds
 SVHC: Substance of Very High Concern
 For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety
 assessment, chapter R.20 (Table of terms and abbreviations).
 EC/EEC: European Community/European Economic Community
 EU: European Union
 M-factor: Multiplying factor
 IATA: International Air Transport Association
 DGR: Dangerous Goods Regulations
 ICAO: International Civil Aviation Organization
 TI: Technical Instructions
 Acute Tox: Acute toxicity
 Skin Irrit: Skin irritation
 Eye Irrit: Eye irritation
 Skin Sens: Skin sensitisation

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H302+H312	Harmful if swallowed or in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

Safety Data Sheet

according to UK REACH Regulation

RASCOflex AY-AC02

Revision date: 30.09.2025

Page 12 of 12

H319

Causes serious eye irritation.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Barrier (Sealant)	-	-	-	-	-	-	-	

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories