

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

### 1.1. Product identifier

Trade name : SG FLEX GLUE

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

#### Relevant identified uses

Use of the substance/mixture : ADHESIVES

#### Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Securmark Scandinavia AS

Box 1881 Stoa,

N-4858 Arendal,

Norway

Tel: +47 37 06 29 00

E-mail: mail@securmark.no

Internet: www.securmark.no

### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Norway	Giftinformasjonen HelseDirektoratet	P.O. Box 7000 St. Olavs Plass 0130 Oslo	+47 22 59 13 00	Ambulance: 113
Sweden	Giftinformationscentralen	Box 60 500 171 76 Stockholm	112	+46 8 33 12 31 (outside Sweden)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315

Eye Irrit. 2 H319

STOT SE 3 H335

Full text of hazard classes and H-statements : see section 16

#### Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning

Hazardous ingredients : mecrilate; methyl 2-cyanoacrylate

Hazard statements (CLP) : H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H335 - May cause respiratory irritation.

Precautionary statements (CLP) : P261 - Avoid breathing vapours.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves, eye protection.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

# SG FLEX GLUE

## Safety Data Sheet

according to Regulation (EU) 2015/830

contact lenses, if present and easy to do. Continue rinsing.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements : EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
mecrilate; methyl 2-cyanoacrylate	(CAS-No.) 137-05-3 (EC-No.) 205-275-2 (Index no) 607-235-00-3	> 25	Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits
mecrilate; methyl 2-cyanoacrylate	(CAS-No.) 137-05-3 (EC-No.) 205-275-2 (Index no) 607-235-00-3	(C >= 10) STOT SE 3, H335

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures general : In case of doubt or persistent symptoms, consult always a physician. Emergency telephone number, see section 1.4.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if irritation persists.
- First-aid measures after skin contact : Rinse immediately with warm soapy water. Take off immediately all contaminated clothing. If adhesive bonds skin, flush with water and seek medical assistance. Do not attempt to force skin apart if bonded.
- First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical advice/attention. In case the eyelids become glued, wash thoroughly and gently with warm water and apply a patch over the eye. Do not force the eye open. Seek medical attention. Cyanoacrylate binds to the eye protein and will cause periods of tears that will help to dissolve the glue. The eye opens without further action within 1-3 days.
- First-aid measures after ingestion : Give milk or water to drink. Do not induce vomiting. Get medical advice/attention.

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

- Symptoms/effects : Contains cyanoacrylate. Danger. Bonds skin and eyes in seconds.
- Symptoms/effects after inhalation : May cause respiratory irritation.
- Symptoms/effects after skin contact : Causes skin irritation.
- Symptoms/effects after eye contact : Causes serious eye irritation.
- Symptoms/effects after ingestion : May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

### 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 : Carbon dioxide. Powder. Alcohol resistant foam.

# SG FLEX GLUE

## Safety Data Sheet

according to Regulation (EU) 2015/830

Unsuitable extinguishing media : Do not use straight streams.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Not classified as flammable.  
Hazardous decomposition products in case of fire : May include: Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Hydrogen cyanide. Unspecified organic compounds.

### 5.3. Advice for firefighters

Precautionary measures fire : Use water stream to cool containers.  
Protection during firefighting : Wear a self-contained breathing apparatus (SCBA) and appropriate personal protective equipment (PPE).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ventilate spillage area. Do not breathe vapour. Avoid contact with skin and eyes. Use personal protective equipment as required. Refer to section 8.

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Shovel into suitable and closed container for disposal.  
Other information : Dispose of materials or solid residues at an authorized site. Refer to section 13.

### 6.4. Reference to other sections

For further information refer to section 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Bonds skin rapidly and strongly.  
Precautions for safe handling : Ensure good ventilation of the work station. Do not breathe vapour. Avoid contact with skin and eyes. Use personal protective equipment as required. Refer to section 8.  
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep cool. (refrigerator). Store in a dry place. Store in a closed container. Keep away from heat and direct sunlight. Store in original container.  
Incompatible materials : Strong oxidizers. Amines. Alcohols. Water. Bases.

### 7.3. Specific end use(s)

See section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

mecrilate; methyl 2-cyanoacrylate (137-05-3)		
Sweden	Occupational exposure limit (NVG) (mg/m <sup>3</sup> )	9 mg/m <sup>3</sup>
Sweden	Occupational exposure limit (NVG) (ppm)	2 ppm
Sweden	Short-term limit value (KTV) (mg/m <sup>3</sup> )	18 mg/m <sup>3</sup>
Sweden	Short-term limit value (KTV) (ppm)	4 ppm
Sweden	Comments (SE)	M (Medical controls), S (The substance is sensitizing), V (Indicative short-term limit value)
Norway	Local name	Metyl-2-cyanoakrylat
Norway	Occupational exposure limit (mg/m <sup>3</sup> )	8 mg/m <sup>3</sup>
Norway	Occupational exposure limit (ppm)	2 ppm
Norway	Comments (NO)	A (Chemicals that are considered to cause allergy or other sensitivity to the eyes or respiratory tract, or which should be considered to cause allergy in skin contact)

# SG FLEX GLUE

## Safety Data Sheet

according to Regulation (EU) 2015/830

Reference	: AFS 2015:7; Swedish Work Environment Authority's regulations on occupational exposure limit and general advice on the application of the regulations.
Reference	: Regulations concerning Action and Limit Values, 06.12.2011 no. 1358 (Norwegian Labour Inspection Authority)

### 8.2. Exposure controls

#### Appropriate engineering controls:

Provide adequate general and local exhaust ventilation. Personal protective equipment must be chosen on the basis of the risk assessment. The supplier of the protective equipment can assist in the evaluation and choice of the equipment.

#### Hand protection:

Wear suitable gloves resistant to chemical penetration. EN 374. Eg. Nitrile rubber. Neoprene. Butyl rubber. Breakthrough time : No information available. Layer thickness : No information available. Change gloves frequently.

#### Eye protection:

If risk of exposure: Safety glasses. EN 166

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Normally not necessary. In case of inadequate ventilation wear respiratory protection. Respiratory protection with filter A. EN 14387

#### Other information:

Eye wash station must be available at the workplace.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Colourless.
Odour	: acrid. Irritating.
Odour threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 200 °C
Flash point	: 87 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: < 0,2 mm Hg (20°C, Methyl-2-cyanacrylate)
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1,07 - 1,11 g/cm <sup>3</sup>
Solubility	: Insoluble in water. Polymerizes on exposure to water (moisture).
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 2000 - 2500 mPa.s (20°C)
Explosive properties	: Not classified.
Oxidising properties	: Not classified as oxidizing.
Explosive limits	: No data available

### 9.2. Other information

VOC content	: 0 %
-------------	-------

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

# SG FLEX GLUE

## Safety Data Sheet

according to Regulation (EU) 2015/830

Polymerizes on exposure to water (moisture).

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous reactions may occur on contact with chemicals listed in 10.5. Exothermic reaction.

### 10.4. Conditions to avoid

Keep away from heat and direct sunlight. Moisture.

### 10.5. Incompatible materials

Strong oxidizing agents. Bases. Amines. Alcohols. Water.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. See also section 5.2.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Acute toxicity (oral)</b>	: Not classified (Based on available data, the classification criteria are not met)
<b>Acute toxicity (dermal)</b>	: Not classified (Based on available data, the classification criteria are not met)
<b>Acute toxicity (inhalation)</b>	: Not classified (Based on available data, the classification criteria are not met)
<b>Skin corrosion/irritation</b>	: Causes skin irritation. pH: Not applicable
<b>Serious eye damage/irritation</b>	: Causes serious eye irritation. pH: Not applicable
<b>Respiratory or skin sensitisation</b>	: Not classified (Based on available data, the classification criteria are not met)
<b>Additional information</b>	: Contains a substance with a occupational exposure limit with comment S - The substance is sensitizing.
<b>Germ cell mutagenicity</b>	: Not classified (Based on available data, the classification criteria are not met)
<b>Carcinogenicity</b>	: Not classified (Based on available data, the classification criteria are not met)
<b>Reproductive toxicity</b>	: Not classified (Based on available data, the classification criteria are not met)
<b>STOT-single exposure</b>	: May cause respiratory irritation.
<b>STOT-repeated exposure</b>	: Not classified (Based on available data, the classification criteria are not met)
<b>Aspiration hazard</b>	: Not classified (Based on available data, the classification criteria are not met)
<b>Other information</b>	: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

## SECTION 12: Ecological information

### 12.1. Toxicity

Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

### 12.2. Persistence and degradability

SG FLEX GLUE	
Persistence and degradability	No available information on product.

### 12.3. Bioaccumulative potential

SG FLEX GLUE	
Bioaccumulative potential	No available information on product.

### 12.4. Mobility in soil

SG FLEX GLUE	
Ecology - soil	Insoluble in water. Immobile when polymerised.

### 12.5. Results of PBT and vPvB assessment

# SG FLEX GLUE

## Safety Data Sheet

according to Regulation (EU) 2015/830

### SG FLEX GLUE

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Hazardous waste. Remove to an authorized waste treatment plant. Cured material can be disposed of as non-hazardous waste.

Additional information : The stated LoW code is indicative and must be considered in relation to the actual condition of the chemical. The final code must be determined by the user, based on the actual use of the chemical.

European List of Waste (LoW) code : 08 04 09\* - waste adhesives and sealants containing organic solvents or other dangerous substances  
08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09  
20 01 27\* - paint, inks, adhesives and resins containing dangerous substances  
20 01 28 - paint, inks, adhesives and resins other than those mentioned in 20 01 27

Hazardous Waste Group : 7051 Paint, glue, varnish, hazardous only

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

#### - Overland transport

Not applicable

#### - Transport by sea

Not applicable

#### - Air transport

Not applicable

#### - Inland waterway transport

Not applicable

#### - Rail transport

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-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

# SG FLEX GLUE

## Safety Data Sheet

according to Regulation (EU) 2015/830

Contains no REACH Annex XIV substances

VOC content : 0 %

### National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Abbreviations and acronyms:

PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative

Data sources : Safety Data Sheet from the supplier/manufacturer.

Full text of H- and EUH-statements:

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
STOT SE 3	H335	Calculation method

Other information : Compiled by SDS-Chemie, Bente Frogner.

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*