

Version: 1 Version date: 02/05/2023 Language: EN According to the Inspection Procedures for the Hazard Communication Standard (HCS 2012) Regulation

## **Safety Data Sheet**



Signal word

**Hazard Statements** 



- H302 Harmful if swallowed
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.

#### **Precautionary Statements - Prevention**

- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

#### **Precautionary Statements - Response**

P301+P312	IF SWALLOWED: Call a POISON CENTRE/doctor/ if you feel unwell.
P301+P330+	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P331	
P303+P361+	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P353	
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to
P338	do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor/
P312	Call a POISON CENTRE/doctor/ if you feel unwell.
P321	Specific treatment (see on this label).
P330	Rinse mouth.
P363	Wash contaminated clothing before reuse.

#### **Precautionary Statements - Storage**

P405 Store locked up.

#### **Precautionary Statements - Disposal**

P501 Dispose of contents/container to ....

#### Contains

methacrylic acid

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	Com	position	/int	ormat	ion on	Trad	lan	EC.
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#### 3.1 Substances

In accordance with the product knowledge, no nanomaterials have been identified.

	Substance	Concentration (%)	Specific concentration limits	Classification		
meth	methacrylic acid					
CAS I	N° 79-41-4	C≤ 100.0%		H302 Acute Tox. 4 ORAL		
EC N	201-204-4			H312 Acute Tox. 4 DERMAL		
IDX N	l° 607-088-00-5			H314 Skin Corr. 1A		

#### Remark

Full text of H- phrases: see section 16.



#### **General information:**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Do not leave affected person unattended.

Remove victim out of the danger area.

Keep affected person warm, still and covered.

#### Following inhalation:

Remove person to fresh air and keep comfortable for breathing.

#### Following skin contact:

Remove contaminated, saturated clothing immediately.

After contact with skin, wash immediately with plenty of water and soap.

Take off immediately all contaminated clothing.

In case of skin irritation, consult a physician.

Immediate medical treatment required because corrosive injuries that are not treated are hard to cure.

#### Following eye contact:

Remove contact lenses, if present and easy to do. Continue rinsing. In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

#### **Following ingestion:**

Never give anything by mouth to an unconscious person or a person with cramps.

IF SWALLOWED: Rinse mouth.

Do NOT induce vomiting.

If swallowed: Call a POISON CENTER or physician if you feel unwell.

#### Self-protection of the first aider:

First aider: Pay attention to self-protection!.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

Notes for the doctor:

Treat symptomatically.

## 5 Firefighting measures

#### 5.1 Extinguishing media

#### Suitable extinguishing media:

Foam.

Extinguishing powder. Carbon dioxide (CO2).

Sand.

#### Unsuitable extinguishing media:

Strong water jet.

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

Formation of toxic gases is possible during heating or in case of fire.

#### 5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### Additional information

Do not inhale vapors and fumes. Co-ordinate fire-fighting measures to the fire surroundings. Move undamaged containers from immediate hazard area if it can be done safely. Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.



Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## 6 Accidental release measures

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

Use personal protection equipment. Remove persons to safety. Use appropriate respiratory protection. Provide adequate ventilation.

#### 6.2 Environmental precautions

Ensure that waste is collected and contained. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Contain leaks or spills within cabinets with removable trays.

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

Treat the recovered material as prescribed in the section on waste disposal. Collect in closed and suitable containers for disposal. Clean contaminated objects and areas thoroughly observing environmental regulations. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Wipe up with absorbent material (eg. cloth, fleece).

#### 6.4 Reference to other sections

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

#### Additional information

Not available

### Handling and Storage

#### 7.1 Precautions for safe handling

#### **PROTECTIVE MEASURES:**

Avoid contact with skin, eyes and clothes.

Do not eat, drink or smoke when using this product.

Wear personal protective clothing (see section 8).

Do not put any product-impregnated cleaning rags into your trouser pockets.

Only allow access to authorised staff.

Use only in well-ventilated areas.

If local exhaust ventilation is not possible or not enough, the entire work area must be ventilated by technical means. Provide adequate ventilation as well as local exhaustion at critical locations.

Vapours/aerosols should be exhausted directly at the point of origin.

Avoid breathing gas/fumes/vapour/spray.

#### Advices on general occupational hygiene:

Wash hands before breaks and after work.

Street clothing should be stored seperately from work clothing.

Wash contaminated clothing before reuse.

Remove contaminated, saturated clothing immediately.

Work in well ventilated zones or use proper respiratory protection.

In the immediate working surroundings there must be:

Provide eye shower and label its location conspicuously.



Keep container tightly closed in a dry, cool, and well-ventilated place. Keep container in upright position in order to prevent leakage. Requirements for storage rooms and vessels: Store locked up. Ensure adequate ventilation of the storage area. Advice on joint storage: Keep away from food, drink and animal feedingstuffs. Specific end uses Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. Exposure controls/personal protection

#### 8.1 Control parameters

7.3

8

Occupational exposure limits: Not available Biological limit values: Not available Exposure limits at intended use: Not available

#### **Remark:**

Not available

#### 8.2 Exposure controls

#### **Appropriate engineering controls:**

Technical measures and the application of suitable work processes have priority over personal protection equipment. Provide adequate ventilation as well as local exhaustion at critical locations.

#### Individual protection measures, such as personal protective equipment:



Eye/face protection

Skin protection

Suitable eye protection: Wear eye protection equipment. **Recommended eye protection articles:** Eye glasses. Face protection shield. Hand protection: Suitable gloves type: Wear protective gloves. Suitable material: NBR (nitrile rubber). Additional hand protection measures: Do not wear gloves near machines and rotating tools. Use gloves only once. **Remark:** 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.



Respiratory protection :	Breakthrough times and swelling properties of the material must be taken into consideration. Body protection: Suitable protective clothing: Lab coat. Chemical resistant safety shoes. Respiratory protection necessary at: If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Suitable respiratory protection apparatus: Wear respiratory protection. Remark: The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. Observe the wear time limits as specified by the manufacturer.
Environmental exposure controls: Not available	
Consumer exposure controls:	

Not available

**Additional information** 

Not available

## Physical and chemical Properties

## 9.1 Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Not available
Odour	:	Not available
рН	:	Not available
Melting point/freezing point	:	Not available
Initial boiling point and boiling range	:	163°C
Flash point	:	67°C
Flammability	:	2
Upper/lower flammability or explosive	:	Not available
limits		
Vapour pressure	:	Not available
Vapour density	:	Not available
Relative density	:	1.015g/cm3
Solubility(ies)	:	Not available
Partition coefficient n-octanol/water	:	0.2
(log value)		
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
Kinematic viscosity	:	Not available
Solubility in other Solvents	:	Not available
Particle characteristics	:	Not available

### 9.2 Other safety information

**Information concerning to the classes of physical hazards** Not available



#### Other security characteristics Not available

## 10 Stability and Reactivity

#### 10.1 Reactivity

No data available.

#### 10.2 Chemical stability

The product is stable when stored at normal ambient temperatures.

#### **10.3** Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

#### **10.4** Conditions to avoid

No data available.

#### **10.5** Incompatible materials

No data available.

#### **10.6 Hazardous decomposition products**

Does not decompose when used for intended uses. Additional information

Not available

## 11 Toxicological information

#### 11.1 Information on toxicological effects

#### Acute oral toxicity:

The product is classified Acute Tox. 4\_ORAL according to the referenced regulation. Harmful if swallowed.

ATE "Nail Primer" = 500.0 mg/kg.

Data for mixture:

Not available **Substances:** 

Substances.

## Not available

#### Acute dermal toxicity:

The product is classified Acute Tox. 4\_DERMAL according to the referenced regulation.

Harmful in contact with skin. ATE "Nail Primer" = 1100.0 mg/kg.

#### Data for mixture: Not available

Substances: Not available

#### **Acute inhalation toxicity:**

The product is not classified. **Data for mixture:** 

Not available

Substances:

Not available

#### Skin corrosion/irritation:

The product is classified Skin Corr. 1A according to the referenced regulation. Causes severe skin burns and eye damage.



Data for mixture: Not available Substances: Not available Serious eye damage/irritation: The product is not classified. Data for mixture: Not available Substances: Not available **Skin sensitisation:** The product is not classified. Data for mixture: Not available Substances: Not available Specific target organ toxicity (repeated exposure): The product is not classified. **Data for mixture:** Not available Substances: Not available Specific target organ toxicity (single exposure): The product is not classified. Data for mixture: Not available Substances: Not available **Carcinogenicity:** The product is not classified. Data for mixture: Not available Substances: Not available **Reproductive toxicity:** The product is not classified. Data for mixture: Not available Substances: Not available Germ cell mutagenicity: The product is not classified. Data for mixture: Not available Substances: Not available Sensitisation to the respiratory tract: The product is not classified. Data for mixture: Not available Substances: Not available **Additional information:** 



#### Not available

## $^{\circ}12$ Ecological information

#### **12.1 Toxicity**

Based on available data, the classification criteria are not met. Data for mixture: Not available Substances: Not available

#### 12.2 Persistence and degradability

The product has not been tested. **Data for mixture:** Not available **Substances:** Not available

#### 12.3 Bioaccumulative potential

The product has not been tested. Data for mixture: Not available Substances: Not available

#### **12.4** Mobility in soil

The product has not been tested. Data for mixture: Not available Substances: Not available

#### 12.5 Results of PBT and vPvB assessment

No data available.

#### 12.6 Endocrine disrupting properties

No data available.

#### **12.7** Other adverse effects

Not available

Additional ecotoxicological information

Not available

## 13 Disposal considerations

#### 13.1 Waste treatment methods

**Product/Packaging disposal:** Waste treatment options: Appropriate disposal/Product:

Waste requiring special supervision. Dispose of waste according to applicable legislation. Delivery to an approved waste disposal company. Appropriate disposal/Package:



Non-contaminated packages must be recycled or disposed of.

Contaminated packing must be completely emptied and can be reused after proper cleaning.

Packing which cannot be properly cleaned must be disposed of.

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

Dispose of waste according to applicable legislation.

#### **Remark:**

For recycling, contact manufacturer.

Collect the waste separately.

Consult the appropriate authorities about waste disposal.

Do not mix with other wastes.

The waste is to be kept separate from other types of waste until its disposal.

Concerning the waste it has to be checked, whether a transport authorisation is required.

#### **Additional information**

Not available

## **14** Transport information

		Land transport (DOT):	Inland waterway transport (ADN):	Sea transport (IMDG):	Air transport (ICAO-TI/IATA- DGR):
14.1	UN number:	2922	2922	2922	2922
14.2	UN proper shipping name:	LIQUIDE CORROSIF, TOXIQUE, N.S.A.	LIQUIDE CORROSIF, TOXIQUE, N.S.A.	LIQUIDE CORROSIF, TOXIQUE, N.S.A.	LIQUIDE CORROSIF, TOXIQUE, N.S.A.
14.3	Transport hazard class(es):				
	Class or Division:	8	8	8	8
	Hazard label(s):		2 (92) 3 (92)	2 (98) 3 (8)	
14.4	Packing group:	1	I.	I.	I

14.5 Environmental hazards

Not available

14.6 Special precautions for user

14.7 Bulk shipping according to IMO instruments

Not available

**Additional information** 

Not available

<sup>4</sup>15 Regulatory information

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

This SDS has been established in accordance with HazCom 2012. US State Regulations: Cosmetic Ingredient Hotlist:



Substance	CAS	EC		
methacrylic acid	79-41-4	201-204-4		
Toxic Substances Control Act Inventory List (TSCA):				
Substance	CAS	EC		
methacrylic acid	79-41-4	201-204-4		
U.S NY - RTK:				
Substance	CAS	EC		
methacrylic acid	79-41-4	201-204-4		

#### 15.2 Chemical Safety Assessment

Not available

#### **Additional information**

Not available

## 16 Other information

#### **Indication of changes**

Not applicable (first edition of the MSDS).

#### Abbreviations and acronyms

CAS: Chemical Abstract Service Number. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. DPD Dangerous Preparation Directive. UN number: United Nations number. No EC: European Commission Number. DOT: Department of Transportation. HCS/HazCom: Hazard Communication.

#### Key literature references and sources for data

No data available.

The classification of the mixture is in accordance with the evaluation method described in HazCom 2012

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The classification of the mixture is in accordance with the evaluation method described in the GHS

H302	Acute Tox. 4 ORAL	Harmful if swallowed
H312	Acute Tox. 4 DERMAL	Harmful in contact with skin.
H314	Skin Corr. 1A	Causes severe skin burns and eye damage.

#### **Training advice**

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet. Additional information

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The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsability of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.

