

Safety Data Sheet

haupa®

HAUPA GmbH & Co.KG

according to Regulation (EC) No 1907/2006

2K Methacrylat Hochleistungsklebstoff "HUPmega" Doppelspritze 25g, Härter

Print date: 19.08.2015

Product code: 170220A

Page 1 of 10

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

1.1. Product identifier

2K Methacrylat Hochleistungsklebstoff "HUPmega" Doppelspritze 25g, Härter

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

Use of the substance/mixture

Adhesives.

1.3. Details of the supplier of the safety data sheet

Company name:	HAUPA GmbH & Co.KG	
Street:	Königstraße 165-169	
Place:	D-42853 Remscheid	
Telephone:	+49 (2191) 84 18-0	Telefax: +49 (2191) 84 18 840
e-mail:	sales@haupa.com	
Contact person:	Jochen Husli	Telephone: +49 (2191) 84 18-0
e-mail:	jochen.husli@haupa.com	
Internet:	www.haupa.com	
Responsible Department:	Sicherheitsdatenblätter / Datenmanagement	

1.4. Emergency telephone number:

Die Nummer der Gesellschaft ist nur zu Bürozeiten besetzt: +49 (2191) 84 18-0(7:00 - 16:30 Uhr)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 2

Skin corrosion/irritation: Skin Corr. 1A

Serious eye damage/eye irritation: Eye Dam. 1

Respiratory or skin sensitisation: Skin Sens. 1

Specific target organ toxicity - single exposure: STOT SE 3

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Highly flammable liquid and vapour.

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

May cause respiratory irritation.

Harmful to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazardous components which must be listed on the label

methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate

2-methylpropenoic acid, methacrylic acid

cumene hydroperoxide, alpha,alpha-dimethylbenzyl hydroperoxide

P-Toluene sulfonyl chloride

Signal word: Danger

Pictograms:



2K Methacrylat Hochleistungsklebstoff "HUPmega" Doppelspritze 25g, Härter

Print date: 19.08.2015

Product code: 170220A

Page 2 of 10

Hazard statements

H225	Highly flammable liquid and vapour.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243	Take precautionary measures against static discharge.
P271	Use only outdoors or in a well-ventilated area.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Additional advice on labelling

The product is classified and labelled according to EC directives or corresponding national laws.

2.3. Other hazards

Processing vapours can irritate the respiratory tracts, skin and eyes.

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

Mixture related information

2K Methacrylat Hochleistungsklebstoff "HUPmega" Doppelspritze 25g, Härter

Print date: 19.08.2015

Product code: 170220A

Page 3 of 10

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
80-62-6	methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate			50 -< 70 %
	201-297-1	607-035-00-6	01-2119452498-28	
	Flam. Liq. 2, Skin Irrit. 2, Skin Sens. 1, STOT SE 3; H225 H315 H317 H335			
	Urethane-methacrylate-Oligomere			1 -< 10 %
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			
79-41-4	2-methylpropenoic acid, methacrylic acid			1 -< 10 %
	201-204-4	607-088-00-5	01-2119463884-26	
	Acute Tox. 4, Acute Tox. 4, Skin Corr. 1A; H302 H312 H314			
98-59-9	P-Toluene sulfonyl chloride			1 -< 5 %
	202-684-8		01-2119971273-36	
	Skin Irrit. 2, Eye Dam. 1; H315 H318			
80-15-9	cumene hydroperoxide, alpha,alpha-dimethylbenzyl hydroperoxide			1 -< 2,5 %
	201-254-7	617-002-00-8	01-2119475796-19	
	Org. Perox. E, Acute Tox. 3, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, STOT RE 2, Aquatic Chronic 2; H242 H331 H302 H312 H314 H373 H411			
128-37-0	2,6-di-tert-butyl-p-cresol			1 -< 2,5 %
	204-881-4		01-2119555270-46	
	Aquatic Acute 1, Aquatic Chronic 1; H400 H410			
28961-43-5	Propylidynetrimethanol, ethoxylated, esters with acrylic acid			0,1 -< 1 %
	500-066-5		01-2119489900-30	
	Eye Irrit. 2, Skin Sens. 1; H319 H317			

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

Further Information

Full text of R-phrases: see section 16.

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

Remove contaminated, saturated clothing immediately.

After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin

After contact with skin, wash immediately with: Water and soap. Seek medical attention if problems persist.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Medical treatment necessary.

After ingestion

Rinse mouth immediately and drink plenty of water.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

2K Methacrylat Hochleistungsklebstoff "HUPmega" Doppelspritze 25g, Härter

Print date: 19.08.2015

Product code: 170220A

Page 4 of 10

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**Foam. Dry extinguishing powder. Carbon dioxide (CO₂).**Unsuitable extinguishing media**

High power water jet.

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

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

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

Wear personal protection equipment. Remove all sources of ignition.

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).

6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal.

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

Avoid contact with skin.

Advice on protection against fire and explosion

Take precautionary measures against static discharges.

Keep away from sources of ignition. - No smoking.

Vapours may form explosive mixtures with air.

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

Store only in original container.

Further information on storage conditions

Keep container tightly closed and in a well-ventilated place.

Protect against: UV-radiation/sunlight. heat.

7.3. Specific end use(s)

Adhesives.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Safety Data Sheet



HAUPA GmbH & Co.KG

according to Regulation (EC) No 1907/2006

2K Methacrylat Hochleistungsklebstoff "HUPmega" Doppelspritze 25g, Härter

Print date: 19.08.2015

Product code: 170220A

Page 5 of 10

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
128-37-0	2,6-Di-tert-butyl-p-cresol	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
79-41-4	Methacrylic acid	20	72		TWA (8 h)	WEL
		40	143		STEL (15 min)	WEL
80-62-6	Methyl methacrylate	50	208		TWA (8 h)	WEL
		100	416		STEL (15 min)	WEL
98-59-9	p-Toluenesulphonyl chloride	-	-		TWA (8 h)	WEL
		-	5		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
128-37-0	2,6-di-tert-butyl-p-cresol			
Worker DNEL, long-term		dermal	systemic	8,3 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	5,8 mg/m ³

PNEC values

CAS No	Substance	Value
128-37-0	2,6-di-tert-butyl-p-cresol	
Environmental compartment		Value
Freshwater		0,4 mg/l
Marine water		0,04 mg/l
Marine sediment		1,29 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		1,04 mg/kg

8.2. Exposure controls

Protective and hygiene measures

Avoid contact with skin, eyes and clothes.

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Protect skin by using skin protective cream.

Hand protection: Butyl rubber.

Thickness of glove material: 0,7 mm

penetration time (maximum wearing period): 60 min

Skin protection

Body protection: not required.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Safety Data Sheet



HAUPA GmbH & Co.KG

according to Regulation (EC) No 1907/2006

2K Methacrylat Hochleistungsklebstoff "HUPmega" Doppelspritze 25g, Härter

Print date: 19.08.2015

Product code: 170220A

Page 6 of 10

Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Jelly
Colour:	whitish
Odour:	characteristic

Test method

Changes in the physical state

Flash point:	11 °C
--------------	-------

Explosive properties

not Explosive.

Density (at 20 °C):	0,97 g/cm ³
---------------------	------------------------

Viscosity / dynamic: (at 20 °C)	130000-150000 mPa·s
------------------------------------	---------------------

9.2. Other information

Solid content:	No data available
----------------	-------------------

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

Reacts with : Reducing agent Heavy metals Oxidizing agents, strong.

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

2K Methacrylat Hochleistungsklebstoff "HUPmega" Doppelspritze 25g, Härter

Print date: 19.08.2015

Product code: 170220A

Page 7 of 10

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
79-41-4	2-methylpropenoic acid, methacrylic acid				
	oral	ATE	500 mg/kg		
	dermal	ATE	1100 mg/kg		
80-15-9	cumene hydroperoxide, alpha,alpha-dimethylbenzyl hydroperoxide				
	oral	LD50	382 mg/kg	Rat	IUCLID
	dermal	LD50	500 mg/kg	Rat	RTECS
	inhalative (4 h) vapour	LC50	1,4 mg/l	Rat	IUCLID
	inhalative aerosol	ATE	0,5 mg/l		
128-37-0	2,6-di-tert-butyl-p-cresol				
	oral	LD50	2930 mg/kg	Rat	ECHA
	dermal	LD50	> 2000 mg/kg	Rat	ECHA

Irritation and corrosivity

Causes severe skin burns and eye damage.

Sensitising effects

May cause an allergic skin reaction. (methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate), (Propylidynetrimethanol, ethoxylated, esters with acrylic acid)

STOT-single exposure

May cause respiratory irritation. (methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate)

Severe effects after repeated or prolonged exposure

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.

Aspiration hazard

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

SECTION 12: Ecological information
12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

Further informationDoesn't get into the sewage water as long as the process is carried out according to regulations.
hazardous to water (WGK 2)
SECTION 13: Disposal considerations

2K Methacrylat Hochleistungsklebstoff "HUPmega" Doppelspritze 25g, Härter

Print date: 19.08.2015

Product code: 170220A

Page 8 of 10

13.1. Waste treatment methods
Advice on disposal

Waste is to be kept separate from other types of waste until its recycling.

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 hazardous substances
Classified as hazardous waste.

Waste disposal number of used product

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
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances
Classified as hazardous waste.

Contaminated packaging

Dispose of waste according to applicable legislation.

SECTION 14: Transport information
Land transport (ADR/RID)

14.1. UN number:	UN 2924
14.2. UN proper shipping name:	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3+8



Classification code:	FC
Special Provisions:	274
Limited quantity:	1 L
Transport category:	2
Hazard No:	338
Tunnel restriction code:	D/E

Other applicable information (land transport)

E2

Inland waterways transport (ADN)

14.1. UN number:	UN 2924
14.2. UN proper shipping name:	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3+8

Safety Data Sheet

2K Methacrylat Hochleistungsklebstoff "HUPmega" Doppelspritze 25g, Härter

Print date: 19.08.2015

Product code: 170220A

Page 9 of 10



Classification code: FC
Special Provisions: 274
Limited quantity: 1 L

Other applicable information (inland waterways transport)

E2

Marine transport (IMDG)

14.1. UN number: UN 2924
14.2. UN proper shipping name: FLAMMABLE LIQUID, CORROSIVE, N.O.S.
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3+8



Special Provisions: 274
Limited quantity: 1 L
EmS: F-E, S-C

Other applicable information (marine transport)

E2

Air transport (ICAO)

14.1. UN number: UN 2924
14.2. UN proper shipping name: FLAMMABLE LIQUID, CORROSIVE, N.O.S.
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3+8



Special Provisions: A3
Limited quantity Passenger: 0.5 L
IATA-packing instructions - Passenger: 352
IATA-max. quantity - Passenger: 1 L
IATA-packing instructions - Cargo: 363
IATA-max. quantity - Cargo: 5 L

Other applicable information (air transport)

E2

: Y340

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No data available

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

Other applicable information

Safety Data Sheet



HAUPA GmbH & Co.KG

according to Regulation (EC) No 1907/2006

2K Methacrylat Hochleistungsklebstoff "HUPmega" Doppelspritze 25g, Härter

Print date: 19.08.2015

Product code: 170220A

Page 10 of 10

Transport as "limited quantity" according to chapter 3.4 ADR/RID.

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): No data available

National regulatory information

Employment restrictions: Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.

Water contaminating class (D): 2 - water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H242	Heating may cause a fire.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

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