# SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

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## SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Classification (1999/45/EEC)

Physical and Chemical HazardsNot classified.Human healthSkin Irrit. 2 - H315;Eye Irrit. 2 - H319;Skin Sens. 1 - H317;STOT SE 3 - H335EnvironmentNot classified.Xi;R36/37/38. R43.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### 2.2. Label elements

Contains

METHYL METHACRYLATE

Label In Accordance With (EC) No. 1272/2008



Signal Word	Warning	
Hazard Statements		
	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction.
	H319	Causes serious eye irritation.
	H335	May cause respiratory irritation.
Precautionary Statements		
	P271	Use only outdoors or in a well-ventilated area.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P313	Get medical advice/attention.
	P501	Dispose of contents/container to

#### Supplementary Precautionary Statements

P272	Contaminated work clothing should not be allowed out of the workplace.
P261	Avoid breathing vapour/spray.
P264	Wash contaminated skin thoroughly after handling.
P321	Specific treatment (see medical advice on this label).
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P332+313	If skin irritation occurs: Get medical advice/attention.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.
P337	If eye irritation persists:
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

#### 2.3. Other hazards

None if used properly

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

		1-5%
EC No.: 201-204-4		
	Classification (67/548/EEC) C:R35	
	Xn;R21/22	
		10-30%
EC No.: 201-297-1		
	Classification (67/548/EEC)	
	F;R11	
	R43	
	Xi;R37/38	
		Classification (67/548/EEC) C;R35 Xn;R21/22 EC No.: 201-297-1 Classification (67/548/EEC) F;R11 R43

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

### Inhalation

Move to fresh air in case of accidental inhalation of vapours If required, provide artificial respiration Get medical attention.

#### Ingestion

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention Never give anything by mouth to an unconscious person

### Skin contact

Wash the skin immediately with soap and water. Continue to rinse for at least 15 minutes and seek medical attention. Remove contaminated clothing. Wash contaminated clothing before re-use

#### Eye contact

immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists

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

#### **General information**

No further relevant information available

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

See section: Description of first aid measures

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Carbon dioxide, Dry chemical, Foam

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

#### Hazardous combustion products

Oxides of: Carbon. Nitrogen.

#### Unusual Fire & Explosion Hazards

Closed containers may rupture or explode when exposed to extreme heat Keep containers cool irritating or toxic gases or fumes may be generated by thermeal decomposition or combustion

# 5.3. Advice for firefighters

### Special Fire Fighting Procedures

Water spray should be used to cool containers.

### Protective equipment for fire-fighters

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Wear protective equipment

### 6.2. Environmental precautions

Do not allow to enter drains, sewers or watercourses.

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

Take up with an inert absorbent Store in a closed waste container until disposal

## 6.4. Reference to other sections

See section 7 for information on safe handling. See advice in section 8

# SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Keep away from heat, sparks and open flame.

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

Do not store at temperatures about 38 C Keep away from heat, sparks and open flame. Ensure good ventilation/extraction

### 7.3. Specific end use(s)

2 Part adhesive

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA	- 8 Hrs	STEL	- 15 Min	Notes
METHACRYLIC ACID	WEL	20 ppm	72 mg/m3	40 ppm	143 mg/m3	
METHYL METHACRYLATE	WEL	50 ppm	208 mg/m3	100 ppm	416 mg/m3	

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### **Respiratory equipment**

An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits

Hand protection

Use protective gloves made of: Nitrile. or Neoprene.

### Eye protection

Wear approved safety goggles.

### Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

# Skin protection

Neoprene or nitrile gloves recommended.

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Paste
Colour	White / off-white.
Odour	Methacrylate
Solubility	Not determined
Initial boiling point and boiling ra	<b>ange</b> ~ 100 C
Melting point (°C)	
Not determined.	
Vapour density (air=1)	> 1
Vapour pressure	
Not determined.	
Evaporation rate	> 1 (butyl acetate = 1)
pH-Value, Conc. Solution	4.5-5.0 (5% solution or slurry in water)
Viscosity	
No information available.	
Decomposition temperature (°C	;)
No information available.	
Odour Threshold, Lower	
No information available.	
Odour Threshold, Upper	
No information available.	
Flash point	
No information available.	
Auto Ignition Temperature (°C)	
Not determined.	
Flammability Limit - Lower(%)	2.1
Flammability Limit - Upper(%)	12.5
Partition Coefficient	
(N-Octanol/Water) Not determined.	
Explosive properties	
Not determined.	
Oxidising properties	
Not determined.	
9.2. Other information	
No data available / Not avaliash	

No data available / Not applicable

SECTION 10: STABILITY AND REACTIVITY

# 10.1. Reactivity

Stable at normal conditions

10.2. Chemical stability

Stable under recommended storage conditions

# 10.3. Possibility of hazardous reactions

### Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid heat. Inert gas blanketing Freezing 10.5. Incompatible materials

### Materials To Avoid Strong oxidisers free radical initiators inert gases Strong bases Acids Strong reducing agents. Azo-compounds

# 10.6. Hazardous decomposition products

Oxides of: Carbon. Nitrogen.

# SECTION 11: TOXICOLOGICAL INFORMATION

# 11.1. Information on toxicological effects

#### Toxicological information

See section 3

# SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

No information available.

# 12.1. Toxicity

No Information avaliable

# 12.2. Persistence and degradability

No further relevant information available

### 12.3. Bioaccumulative potential

### **Bioaccumulative potential**

No data available on bioaccumulation. **Partition coefficient** Not determined.

### 12.4. Mobility in soil

### Mobility:

No further relevant information available

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

# 12.6. Other adverse effects

Not available.

# SECTION 13: DISPOSAL CONSIDERATIONS

### General information

Dispose of in accordance with local and national regulations

# 13.1. Waste treatment methods

Disposal must be made according to official regulations Waste Class D001 as per 40CER 261 21

D001 as per 40CFR 201.21

SECTION 14: TRANSPORT	INFORMATION
General	No other information noted.
<u>14.1. UN number</u>	
UN No. (ADR/RID/ADN)	1133
UN No. (IMDG)	1133
14.2. UN proper shipping name	
Proper Shipping Name	Adhesvies containing a flammable liquid
14.3. Transport hazard class(es)	
ADR/RID/ADN Class	3

ADR/RID/ADN Class	Class 3: Flammable liquids.
IMDG Class	3
14.4. Packing group	
ADR/RID/ADN Packing group	11
IMDG Packing group	II
14.5. Environmental hazards	
Environmentally Hazardous Substand	ce/Marine Pollutant
14.6. Special precautions for user	r

No information available.

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

No information required.

### SECTION 15: REGULATORY INFORMATION

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

#### EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

# **SECTION 16: OTHER INFORMATION**

Risk Phrases In Full	I	
35	Causes severe burns.	
21/22	Harmful in contact with skin and if swallowed.	
811	Highly flammable	
36/37/38	Irritating to eyes, respiratory system and skin.	
37/38	Irritating to respiratory system and skin.	
37	Irritating to respiratory system.	
843	May cause sensitisation by skin contact.	
azard Statements	In Full	
1319	Causes serious eye irritation.	
314	Causes severe skin burns and eye damage.	
1315	Causes skin irritation.	
1302	Harmful if swallowed.	
1312	Harmful in contact with skin.	
1225	Highly flammable liquid and vapour.	
317	May cause an allergic skin reaction.	
1335	May cause respiratory irritation.	

# SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

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# SECTION 2: HAZARDS IDENTIFICATION

# 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)Physical and Chemical HazarsSkin Irrit. 2 - 1815;Skin Sens. 1 - H317;StOT SE 3 - H335 EnvironmentNot classified.EnvironmentClassification (1999/45/EEC)X;R3/738. R3.ContainsContainsMETHYL METHACRYLATEEvery colspan="2">Every colspan="2">Every colspan="2">Every colspan="2">Every colspan="2">Every colspan="2">Every colspan="2"Signal WordWerringEvery colspan="2">Every colspan="2"Signal WordWarringEvery colspan="2"Every colspan="2"Every colspan="2"Signal WordWarringEvery colspan="2"Every colspan="2"Signal WordWarringEvery colspan="2"Every col	2.1. Classification of the substa	ance or mixture	
Juman health     Skin Irrit. 2 - H315; Skin Sens. 1 - H317; STOT SE 3 - H335       Classification (1999/45/EEQ)     Xi; R37/38. R43.       The Full Text for all R-Pinzes and Ustements are Displayed in Section 1     Section 1       2.1 Label elements     Net THYL METHACRYLATE       Contains     METHYL METHACRYLATE       Label In Accordance With (EC) NU     VUIZYZ2008       Signal Word     Warning       Hazard Statements     H315       Kassing Contains     H317       H317     May cause an allergic skin irritation.       H317     May cause an allergic skin reaction.       H317     May cause an allergic skin reaction.       Precautionary Statements     P211     Use only outdoors or in a well-ventilated area.       P280     Wear protective gloves/protective clothing/eye protection/face protection.       P301     Disco of contents/container to       Staplementary Precautionary Statements     P211     Use only outdoors or in a well-ventilated area.       P280     Wear protective gloves/protective clothing/eye protection/face protection.     P301       P301     Disco of contents/container to     P301       Statements     P272     Contaminated skin throughy affer handling.       P280     P2	Classification (EC 1272/2008)		
Environment     Not classified.       Classification (1999/45/EC0     X;R3738. R43.       The Full resht for all R-Phrases Harard Statements are Displayed in Section 18.     Section 18.       2.Label elements     Section 18.       Contains     METHYL METHACRYLATE       Label In Accordance With (EC) >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>		Physical and Chemical Hazards	
Classification (1999/45/EEC)     Xi;R37/36. R43.       The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.       22. Label elements       Contains     METHYL METHACRYLATE       Label In Accordance With (EC) No. 1272/2008       Signal Word     Warning       Hazard Statements       Hazard Statements       Hazard Statements       1935       Causes skin irritation.       H315     Causes skin irritation.       H35     May cause respiratory irritation.       H35     May cause respiratory irritation.       Precautionary Statements     P271     Use only outdoors or in a well-ventilated area.       P280     Wear protective gloves/protective clothing/eye protection/face protection.       P310     Dispose of contents/container to       Supplementary Precautionary Statements     P272     Contaminated work clothing should not be allowed out of the workplace.       P280     Wash contaminated skin throughly after handling.     P321     Specific treatment (see medical advice on this label).     P321.4300     FON SKIN: Wash with plenty of soap and water.       P304:340     FON SKIN: Wash with plenty of soap and water.     P304:340     FON SKIN: Wash with plenty of soap and water.     P304:340 <th></th> <th>Human health</th> <th>Skin Irrit. 2 - H315;Skin Sens. 1 - H317;STOT SE 3 - H335</th>		Human health	Skin Irrit. 2 - H315;Skin Sens. 1 - H317;STOT SE 3 - H335
Signal Word     Warning       Hazard Statements     H315       Causes skin inflation.     H317       H317     May cause an allergic skin reaction.       H316     Causes skin inflation.       H317     May cause an allergic skin reaction.       H326     Warning       Precautionary Statements     Variang       P271     Use only outdoors or in a well-ventilated area.       P280     Wear protective gloves/protective clothing/eye protection/face protection.       P301     Dispose of contents/container to       Supplementary Precautionary Statements     P272       P280     Wear protective gloves/protective clothing/eye protection/face protection.       P281     Avoid breathing vapour/spray.       P281     Avoid breathing vapour/spray.       P281     Specific treatment (see medical advice on this label).       P321     Specific treatment (see medical advice on this label).       P321     Specific treatment (see medical advice on this label).			Not classified.
2.2. Label elements     METHYL METHACRYLATE       Contains     METHYL METHACRYLATE       Label In Accordance With (EC) N. JZZZOB     Signal Word       Signal Word     Warning       Hazard Statements     Signal Word       Hazard Statements     Signal Word       Precautionary Statements     May cause an allergic skin reaction.       H317     May cause an allergic skin reaction.       H326     May cause respiratory irritation.       Precautionary Statements     P271       Use only outdoors or in a well-ventilated area.     P280       P280     Wear protective gloves/protective clothing/ege protection/face protection/       Supplementary Precautionary Statements     P272       P281     Dispose of contents/container to       Supplementary Precautionary Statements     P272       P281     Avoid breathing vapour/spray.       Fund LE Dispose of contents/container to     P281       P282     Avoid breathing vapour/spray.       P283     Specific treatment (see medical advice on this label).       P381     Specific treatment (see medical advice on this label).       P384     P384     P384       P385     FON SKIN: Wash with plenty of soap and water. <th>. ,</th> <th>,</th> <th></th>	. ,	,	
Contains     METHYL METHACRYLATE       Label In Accordance With (EC) No. 1272/2008       Signal Word     Warning       Hazard Statements     Hasand Statements       Hasand Statements     Hasand Statements       Precautionary Statements     Hasand Statements       P271     May cause an allergic skin reaction.       P270     Use only outdoors or in a well-ventilated area.       P280     Wear protective gloves/protective clothing/eye protection/face protection.       P501     Dispose of contents/container to       Supplementary Precautionary Statements     P272     Contaminated work clothing should not be allowed out of the workplace.       P280     Wear protective gloves/protective clothing/eye protection/face protection.     P280     P280       Supplementary Precautionary Statements     P272     Contaminated work clothing should not be allowed out of the workplace.     P280     P280     P280       P272     Contaminated work clothing vapour/spray.     P281     P280     P281     P280	The Full Text for all R-Phrases a	nd Hazard Statements are Displayed	in Section 16.
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Signal Word     Warning       Hazard Statements     1315       Hazard Statements     1317       May cause an allergic skin reaction.     1317       May cause an allergic skin reaction.     1317       May cause respiratory irritation.     1335       Precautionary Statements     280       P271     Use only outdoors or in a well-ventilated area.       P280     Wear protective gloves/protective clothing/eye protection/face protection.       P501     Dispose of contents/container to       Supplementary Precautionary Statements     272       P271     Contaminated work clothing should not be allowed out of the workplace.       P280     P280       P280     Vear protective gloves/protective clothing/eye protection/face protection.       P280     Dispose of contents/container to       Supplementary Precautionary Statements     272       P281     Avoid breathing vapour/spray.       P284     Wash contaminated skin thoroughly after handling.       P321     Specific treatment (see medical advice on this label).       P302+352     IF ON SKIN: Wash with plenty of soap and water.       P304+340     EN ON breathing.       Comfortable for breathing.     Comfortable for breathin	Contains	METHYL METHACRYLATE	
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Supplementary Precautionary Statements     P272     Contaminated work clothing should not be allowed out of the workplace.       P261     Avoid breathing vapour/spray.       P264     Wash contaminated skin thoroughly after handling.       P321     Specific treatment (see medical advice on this label).       P302+352     IF ON SKIN: Wash with plenty of soap and water.       P304+340     IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.		P280	Wear protective gloves/protective clothing/eye protection/face protection.
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P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.		P321	Specific treatment (see medical advice on this label).
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.		P302+352	IF ON SKIN: Wash with plenty of soap and water.
		P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position
P312 Call a POISON CENTER or doctor/physician if you teel unwell.		D242	
		F312	Call a POISON CENTER OF DOCTOR/Physician if you feel unwell.

# **DPW3294 ACTIVATOR**

P332+313 If skin irritation occurs: Get medical advice/attention.	
P333+313 If skin irritation or rash occurs: Get medical advice/attention.	
P362 Take off contaminated clothing and wash before reuse.	
P363 Wash contaminated clothing before reuse.	
P403+233 Store in a well-ventilated place. Keep container tightly close	d.
P405 Store locked up.	

## 2.3. Other hazards

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

# 3.2. Mixtures

METHYL METHACRYLATE			30-60%
CAS-No.: 80-62-6	EC No.: 201-297-1		
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Flam. Liq. 2 - H225		F;R11	
Skin Irrit. 2 - H315		R43	
Skin Sens. 1 - H317		Xi;R37/38	
STOT SE 3 - H335			

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

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

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

### SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

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

### 5.3. Advice for firefighters

# SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures
- 6.2. Environmental precautions
- 6.3. Methods and material for containment and cleaning up

# 6.4. Reference to other sections

# SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

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

### 7.3. Specific end use(s)

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

Name	STD	TWA	- 8 Hrs	STEL	- 15 Min	Notes
METHYL METHACRYLATE	WEL	50 ppm	208 mg/m3	100 ppm	416 mg/m3	

WEL = Workplace Exposure Limit.

# 8.2. Exposure controls

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

# 9.1. Information on basic physical and chemical properties

# 9.2. Other information

# SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity
- 10.2. Chemical stability
- 10.3. Possibility of hazardous reactions
- 10.4. Conditions to avoid
- 10.5. Incompatible materials

# 10.6. Hazardous decomposition products

# SECTION 11: TOXICOLOGICAL INFORMATION

# 11.1. Information on toxicological effects

# SECTION 12: ECOLOGICAL INFORMATION

- 12.1. Toxicity
- 12.2. Persistence and degradability
- 12.3. Bioaccumulative potential
- 12.4. Mobility in soil

# 12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

# SECTION 13: DISPOSAL CONSIDERATIONS

# 13.1. Waste treatment methods

# SECTION 14: TRANSPORT INFORMATION

# 14.1. UN number

- 14.2. UN proper shipping name
- 14.3. Transport hazard class(es)
- 14.4. Packing group
- 14.5. Environmental hazards
- 14.6. Special precautions for user
- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

# SECTION 15: REGULATORY INFORMATION

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

# 15.2. Chemical Safety Assessment

# **SECTION 16: OTHER INFORMATION**

Risk Phrases In Full	
R11	Highly flammable
R37/38	Irritating to respiratory system and skin.
R43	May cause sensitisation by skin contact.
Hazard Statements In Full	
H315	Causes skin irritation.
H225	Highly flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.

# SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### ŒĹÚŠÔÔŒ/QJÞÙK₩₩Œ₽Ŏ₽ÒÙQXÒ

# SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Classification (1999/45/EEC)

Physical and Chemical Hazards	Not classified.
Human health	Skin Irrit. 2 - H315;Eye Irrit. 2 - H319;Skin Sens. 1 - H317;STOT SE 3 - H335
Environment	Not classified.
Xi;R36/37/38. R43.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### 2.2. Label elements

Contains

METHYL METHACRYLATE

Label In Accordance With (EC) No. 1272/2008



Signal Word	Warning	
Hazard Statements		
	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction.
	H319	Causes serious eye irritation.
	H335	May cause respiratory irritation.
Precautionary Statements		
	P271	Use only outdoors or in a well-ventilated area.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P313	Get medical advice/attention.
	P501	Dispose of contents/container to

#### Supplementary Precautionary Statements

P272	Contaminated work clothing should not be allowed out of the workplace.
P261	Avoid breathing vapour/spray.
P264	Wash contaminated skin thoroughly after handling.
P321	Specific treatment (see medical advice on this label).
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P332+313	If skin irritation occurs: Get medical advice/attention.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.
P337	If eye irritation persists:
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

#### 2.3. Other hazards

None if used properly

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

		1-5%
EC No.: 201-204-4		
	Classification (67/548/EEC) C:R35	
	Xn;R21/22	
		10-30%
EC No.: 201-297-1		
	Classification (67/548/EEC)	
	F;R11	
	R43	
	Xi;R37/38	
		Classification (67/548/EEC) C;R35 Xn;R21/22 EC No.: 201-297-1 Classification (67/548/EEC) F;R11 R43

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

### Inhalation

Move to fresh air in case of accidental inhalation of vapours If required, provide artificial respiration Get medical attention.

#### Ingestion

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention Never give anything by mouth to an unconscious person

### Skin contact

Wash the skin immediately with soap and water. Continue to rinse for at least 15 minutes and seek medical attention. Remove contaminated clothing. Wash contaminated clothing before re-use

#### Eye contact

immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists

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

#### **General information**

No further relevant information available

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

See section: Description of first aid measures

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Carbon dioxide, Dry chemical, Foam

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

#### Hazardous combustion products

Oxides of: Carbon. Nitrogen.

#### Unusual Fire & Explosion Hazards

Closed containers may rupture or explode when exposed to extreme heat Keep containers cool irritating or toxic gases or fumes may be generated by thermeal decomposition or combustion

# 5.3. Advice for firefighters

### Special Fire Fighting Procedures

Water spray should be used to cool containers.

### Protective equipment for fire-fighters

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Wear protective equipment

### 6.2. Environmental precautions

Do not allow to enter drains, sewers or watercourses.

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

Take up with an inert absorbent Store in a closed waste container until disposal

## 6.4. Reference to other sections

See section 7 for information on safe handling. See advice in section 8

# SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Keep away from heat, sparks and open flame.

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

Do not store at temperatures about 38 C Keep away from heat, sparks and open flame. Ensure good ventilation/extraction

### 7.3. Specific end use(s)

2 Part adhesive

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA	- 8 Hrs	STEL	- 15 Min	Notes
METHACRYLIC ACID	WEL	20 ppm	72 mg/m3	40 ppm	143 mg/m3	
METHYL METHACRYLATE	WEL	50 ppm	208 mg/m3	100 ppm	416 mg/m3	

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### **Respiratory equipment**

An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits

Hand protection

Use protective gloves made of: Nitrile. or Neoprene.

### Eye protection

Wear approved safety goggles.

### Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

# Skin protection

Neoprene or nitrile gloves recommended.

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Paste
Colour	White / off-white.
Odour	Methacrylate
Solubility	Not determined
Initial boiling point and boiling range	~ 100 C
Melting point (°C)	
Not determined.	
Vapour density (air=1)	> 1
Vapour pressure	
Not determined.	
Evaporation rate	> 1 (butyl acetate = 1)
pH-Value, Conc. Solution	4.5-5.0 (5% solution or slurry in water)
Viscosity	
No information available.	
Decomposition temperature (°C)	
No information available.	
Odour Threshold, Lower	
No information available.	
Odour Threshold, Upper	
No information available.	
Flash point	
No information available.	
Auto Ignition Temperature (°C)	
Not determined.	
Flammability Limit - Lower(%)	2.1
Flammability Limit - Upper(%)	12.5
Partition Coefficient	
(N-Octanol/Water) Not determined.	
Explosive properties	
Not determined.	
Oxidising properties	
Not determined.	
9.2. Other information	
Na data available / Nat applicable	

No data available / Not applicable

SECTION 10: STABILITY AND REACTIVITY

# 10.1. Reactivity

Stable at normal conditions

10.2. Chemical stability

Stable under recommended storage conditions

# 10.3. Possibility of hazardous reactions

## Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid heat. Inert gas blanketing Freezing 10.5. Incompatible materials

### Materials To Avoid Strong oxidisers free radical initiators inert gases Strong bases Acids Strong reducing agents. Azo-compounds

# 10.6. Hazardous decomposition products

Oxides of: Carbon. Nitrogen.

# SECTION 11: TOXICOLOGICAL INFORMATION

# 11.1. Information on toxicological effects

#### Toxicological information

See section 3

# SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

No information available.

# 12.1. Toxicity

No Information avaliable

# 12.2. Persistence and degradability

No further relevant information available

### 12.3. Bioaccumulative potential

### **Bioaccumulative potential**

No data available on bioaccumulation. **Partition coefficient** Not determined.

### 12.4. Mobility in soil

### Mobility:

No further relevant information available

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

# 12.6. Other adverse effects

Not available.

# SECTION 13: DISPOSAL CONSIDERATIONS

### General information

Dispose of in accordance with local and national regulations

# 13.1. Waste treatment methods

Disposal must be made according to official regulations Waste Class D001 as per 40CER 261 21

0001	as	per	40CF	Г	201	.21	

SECTION 14: TRANSPORT	INFORMATION
General	No other information noted.
<u>14.1. UN number</u>	
UN No. (ADR/RID/ADN)	1133
UN No. (IMDG)	1133
14.2. UN proper shipping name	
Proper Shipping Name	Adhesvies containing a flammable liquid
14.3. Transport hazard class(es)	
ADR/RID/ADN Class	3

ADR/RID/ADN Class	Class 3: Flammable liquids.
IMDG Class	3
14.4. Packing group	
ADR/RID/ADN Packing group	11
IMDG Packing group	II
14.5. Environmental hazards	
Environmentally Hazardous Substand	ce/Marine Pollutant
14.6. Special precautions for user	r

No information available.

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

No information required.

### SECTION 15: REGULATORY INFORMATION

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

#### EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## **SECTION 16: OTHER INFORMATION**

Risk Phrases In Full	I	
35	Causes severe burns.	
21/22	Harmful in contact with skin and if swallowed.	
811	Highly flammable	
36/37/38	Irritating to eyes, respiratory system and skin.	
37/38	Irritating to respiratory system and skin.	
37	Irritating to respiratory system.	
843	May cause sensitisation by skin contact.	
azard Statements	In Full	
1319	Causes serious eye irritation.	
314	Causes severe skin burns and eye damage.	
1315	Causes skin irritation.	
1302	Harmful if swallowed.	
1312	Harmful in contact with skin.	
1225	Highly flammable liquid and vapour.	
317	May cause an allergic skin reaction.	
1335	May cause respiratory irritation.	