

# Safety Data Sheet



Revision Date 19-Sep-2017  
Version 1

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name MONDÉCO RAPIDE PRIMER

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

Recommended Use Primers

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

Supplier Alteco Technik GmbH  
Raiffeisenstrasse 16  
D-27239 Twistringen  
Germany  
Phone: +49 (0) 4243 92950  
Fax: +49 (0) 4243 929589

This telephone number is available during office hours only

For further information, please contact: [info@alteco-technik.de](mailto:info@alteco-technik.de)

### 1.4 Emergency telephone number

Emergency telephone number Chemtrec: +1 703-527-3887 ex-USA  
Chemtrec: 1-800-424-9300 USA

Europe	112
Austria	+43 1 406 43 43
Belgium	Poison center (BE): +32 70 245 245
Denmark	Poison Control Hotline (DK): +45 82 12 12 12
Finland	Poison Information Centre (FI): +358 9 471 977
France	ORFILA (FR): + 01 45 42 59 59
Germany	Poison Center Berlin (DE): +49 030 30686 790 Poison Center Nord: +49 551 19240 (24h available English / German)
Ireland	National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566
Iceland	+354 543 2222
Italy	Poison Centre, Milan (IT): +39 02 6610 1029
Luxembourg	112
Netherlands	National Poisons Information Centre (NL): +31 30 274 88 88 (NB: this service is only available to health professionals)
Norway	Poisons Information (NO): + 47 22 591300
Portugal	Poison Information Centre (PT): +351 21 330 3284
Spain	Poison Information Service (ES): +34 91 562 04 20
Sweden	Poisons Information Center (SV): +46 8 33 12 31
Switzerland	Poison Center: Tel 145; +41 44 251 51 51
United Kingdom	111

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Skin corrosion/irritation	Category 2 - (H315)
Skin sensitisation	Category 1 - (H317)
Specific target organ toxicity (single exposure)	Category 3 - (H335)
Flammable liquids	Category 2 - (H225)

## 2.2 Label elements



**Signal Word**  
Danger

### Hazard Statements

H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H335 - May cause respiratory irritation  
H225 - Highly flammable liquid and vapour

### Precautionary Statements - EU (§28, 1272/2008)

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
P243 - Take precautionary measures against static discharge  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P273 - Avoid release to the environment

Contains METHYL METHACRYLATE, ETHYLENGLYCOL DIMETHACRYLATE

## 2.3. Other Hazards

No information available

## 3. Composition/information on ingredients

### 3.1 Substances

This product is a mixture. Health hazard information is based on its components

### 3.2 Mixtures

Chemical Name	EC-No	CAS No.	Weight-%	GHS Classification	REACH Registration Number
METHYL METHACRYLATE	201-297-1	80-62-6	50 - 75	STOT SE 3 (H335) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Flam Liq. 2 (H225)	01-2119452498-28-XX XX

MONDÉCO RAPIDE PRIMER

ETHYLENGLYCOL DIMETHACRYLATE	202-617-2	97-90-5	1 - 2.5	Skin Sens. 1 (H317) STOT SE 3 (H335)	01-2119965172-38-XX XX
2-HYDROXYETHYL METHACRYLATE	212-782-2	868-77-9	< 0.1	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317)	01-2119490169-29-XX XX
2-PROPENOIC ACID, 2-METHYL-	201-204-4	79-41-4	< 0.1	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Corr. 1A (H314)	01-2119463884-26-XX XX

For the full text of the H-Statements mentioned in this Section, see Section 16

**4. First Aid Measures**

**4.1 Description of first aid measures**

- General advice** Move out of dangerous area. Take off all contaminated clothing immediately.
- Inhalation** Move to fresh air. Keep respiratory tract clear. If unconscious place in recovery position and seek medical advice. If not breathing, give artificial respiration. Call a physician if irritation develops or persists.
- Skin contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Call a physician if irritation develops or persists.
- Eye contact** Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.
- Ingestion** Gently wipe or rinse the inside of the mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get medical attention immediately.

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

**Symptoms** No information available.

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

**Notes to physician** Treat symptomatically.

**5. Fire-Fighting Measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**  
Dry powder, Foam, Carbon dioxide (CO<sub>2</sub>), Water mist, Alcohol-resistant foam.

**Extinguishing media which shall not be used for safety reasons**  
High volume water jet.

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

Hazardous decomposition products formed under fire conditions. Explosive reaction may occur on heating or burning. Burning produces irritant fumes. Flash back possible over considerable distance.

**5.3 Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Keep containers and surroundings cool with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**6. Accidental Release Measures**

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

### **Personal precautions**

Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and clothing.

### **Advice for emergency responders**

For personal protection see section 8.

## **6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not allow material to contaminate ground water system.

## **6.3 Methods and materials for containment and cleaning up**

### **Methods for Containment**

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

### **Methods for cleaning up**

Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment.

## **6.4 Reference to other sections**

See section 8 for more information.

# **7. Handling and storage**

## **7.1 Precautions for safe handling**

### **Advice on safe handling**

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Provide exhaust ventilation close to floor level. Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. Open drum carefully as content may be under pressure. Use only in well-ventilated areas. Vapours may form explosive mixtures with air. Keep product and empty container away from heat and sources of ignition. Take measures to prevent the build up of electrostatic charge. Do not use sparking tools. Use only explosion-proof equipment. Have fire extinguishers ready before opening the drum.

### **Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Keep away from food, drink and animal feedingstuffs. Keep working clothes separately.

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

### **Storage Conditions**

Store in original container. Never fill containers more than 80 % because aerial oxygen is necessary for stabilising. Store between 5 and 25 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Keep in an area equipped with solvent resistant flooring. Do not store together with oxidizing and self-igniting products.

## **7.3 Specific end uses**

### **Specific use(s)**

No information available

### **Exposure scenario**

No information available.

# **8. Exposure controls/personal protection**

## **8.1 Control parameters**

**Exposure Limit Values**

Chemical Name	European Union	Austria	Belgium	Denmark	Finland	France
METHYL METHACRYLATE 80-62-6		STEL 100 ppm STEL 420 mg/m <sup>3</sup> TWA: 50 ppm TWA: 210 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 208 mg/m <sup>3</sup> STEL: 100 ppm STEL: 416 mg/m <sup>3</sup>	TWA: 25 ppm TWA: 102 mg/m <sup>3</sup> Skin	TWA: 10 ppm TWA: 42 mg/m <sup>3</sup> STEL: 50 ppm STEL: 210 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 205 mg/m <sup>3</sup> STEL: 100 ppm STEL: 410 mg/m <sup>3</sup>
2-PROPENOIC ACID, 2-METHYL- 79-41-4		TWA: 20 ppm TWA: 70 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 71 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 70 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 71 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 70 mg/m <sup>3</sup>
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	The Netherlands
METHYL METHACRYLATE 80-62-6	TWA: 50 ppm TWA: 210 mg/m <sup>3</sup>	TWA: 50 ppm S* Ceiling: 100 ppm STEL: 100 ppm	TWA: 50 ppm STEL: 100 ppm	STEL: 100 ppm STEL: 410 mg/m <sup>3</sup> TWA: 50 ppm TWA: 205 mg/m <sup>3</sup>	STEL: 100 ppm TWA: 50 ppm	STEL: 410 mg/m <sup>3</sup> TWA: 205 mg/m <sup>3</sup>
2-PROPENOIC ACID, 2-METHYL- 79-41-4	TWA: 5 ppm TWA: 18 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 70 mg/m <sup>3</sup> Ceiling: 40 ppm Ceiling: 140 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 70 mg/m <sup>3</sup> STEL: 40 ppm STEL: 140 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 70 mg/m <sup>3</sup>		
Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	The United Kingdom
METHYL METHACRYLATE 80-62-6	TWA: 25 ppm TWA: 100 mg/m <sup>3</sup> Skin STEL: 100 ppm STEL: 400 mg/m <sup>3</sup>	STEL: 100 ppm TWA: 50 ppm	STEL: 100 ppm TWA: 50 ppm	LLV: 50 ppm LLV: 200 mg/m <sup>3</sup> S* STV: 150 ppm STV: 600 mg/m <sup>3</sup>	STEL: 100 ppm STEL: 420 mg/m <sup>3</sup> TWA: 50 ppm TWA: 210 mg/m <sup>3</sup>	STEL: 100 ppm STEL: 416 mg/m <sup>3</sup> TWA: 50 ppm TWA: 208 mg/m <sup>3</sup>
2-HYDROXYETHYL METHACRYLATE 868-77-9	TWA: 2 ppm TWA: 11 mg/m <sup>3</sup> STEL: 4 ppm STEL: 16.5 mg/m <sup>3</sup>					
2-PROPENOIC ACID, 2-METHYL- 79-41-4	TWA: 20 ppm TWA: 70 mg/m <sup>3</sup> STEL: 30 ppm STEL: 105 mg/m <sup>3</sup>	TWA: 20 ppm	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	LLV: 20 ppm LLV: 70 mg/m <sup>3</sup> STV: 30 ppm STV: 100 mg/m <sup>3</sup>	STEL: 10 ppm STEL: 36 mg/m <sup>3</sup> TWA: 5 ppm TWA: 18 mg/m <sup>3</sup>	STEL: 40 ppm STEL: 143 mg/m <sup>3</sup> TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>

TWA: time weighted average  
 STEL: Short term exposure limit  
 LLV: Exposure Limit Values  
 STV: Short Term Value

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

**8.2 Exposure controls**

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

**Eye/Face Protection**  
**Hand Protection**

Tightly fitting safety goggles. Eye wash bottle with pure water.  
 Solvent-resistant gloves. Suitable material: butyl-rubber. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Follow the skin protection plan.

**Skin and body protection**

Follow the skin protection plan. Flame retardant antistatic protective clothing. Remove and wash contaminated clothing before re-use.

**Respiratory protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Preferably a compressed airline breathing apparatus.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Keep away from food, drink and animal feedingstuffs. Keep working clothes separately.

**Environmental exposure controls**

Prevent product from entering drains. Do not allow material to contaminate ground water system.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Colour	Colourless
Odour	acrylic-like
Odour Threshold	0.05 ppm

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH		
Melting/freezing point	-48 °C (MMA) / -54 °F	
Boiling point/boiling range	101 °C (MMA) / 214 °F	
Flash Point	12 °C (MMA) / 54 °F	
Evaporation rate	no data available	No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Upper explosion limit	12.5 Vol.% (MMA)	
Lower explosion limit	2.1 Vol.% (MMA)	
Vapour pressure	38.7 mbar (MMA)	(Air = 1.0)
Vapour density		No information available
Specific Gravity		No information available
Water solubility	Insoluble	
Solubility in other solvents		No information available
Partition coefficient	1.38 log POW (MMA)	
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic	100 - 130 mPa.s (25 °C)	
Viscosity, dynamic		No information available
Explosive properties		No information available
Oxidising Properties		No information available

### 9.2 Other information

Volatile organic compounds (VOC) content	No information available
Density	0.99 g/cm <sup>3</sup> (25 °C)

## 10. Stability and Reactivity

### 10.1 Reactivity

Stable under normal conditions.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Polymerisation occurs when exposed to white light, ultraviolet light or heat. Polymerisation is a highly exothermic reaction and may generate sufficient heat to cause thermal decomposition and/or rupture containers.

Polymerisation occurs when exposed to white light, ultraviolet light or heat. Polymerisation is a highly exothermic reaction and may generate sufficient heat to cause thermal decomposition and/or rupture containers.

### 10.4 Conditions to Avoid

Heat, flames and sparks. Exposure to sunlight.

### 10.5 Incompatible Materials

Avoid radical-forming starting agents, peroxides and reactive metals, Amines, Heavy metal compounds, Oxidizing agents, Reducing agents

### 10.6 Hazardous Decomposition Products

No hazardous decomposition products are known.

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

#### Product Information

<b>Inhalation</b>	Irritating to mucous membranes. May cause respiratory irritation.
<b>Eye contact</b>	There are no data available for this product.
<b>Skin contact</b>	Causes skin irritation. May cause an allergic skin reaction.
<b>Ingestion</b>	There are no data available for this product.

The following values are calculated based on chapter 3.1 of the GHS document

#### Unknown Acute Toxicity

- < 1 % of the mixture consists of ingredient(s) of unknown toxicity
- < 1 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- < 1 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- < 1 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- < 1 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour)
- < 1 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
METHYL METHACRYLATE	> 5000 mg/kg (Rat)	> 5000 mg/kg ( Rabbit )	29.8 mg/l (Rat)

**Skin corrosion/irritation** Causes skin irritation.

<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitisation</b>	May cause allergic skin reaction. May cause respiratory irritation.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>Specific target organ toxicity - single exposure</b>	May cause respiratory irritation.
<b>Specific target organ toxicity - repeated exposure</b>	No information available.
<b>Target Organs</b>	Eyes. Respiratory system. Skin.
<b>Aspiration hazard</b>	No information available.

## 12. Ecological information

### 12.1 Toxicity

< 1 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

#### Ecotoxicity effects

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
METHYL METHACRYLATE	EC50: 96 h Pseudokirchneriella subcapitata 170 mg/L	LC50: 96 h Pimephales promelas 243 - 275 mg/L flow-through LC50: 96 h Pimephales promelas 125.5 - 190.7 mg/L static LC50: 96 h Lepomis macrochirus 170 - 206 mg/L flow-through LC50: 96 h Lepomis macrochirus 153.9 - 341.8 mg/L static LC50: 96 h Oncorhynchus mykiss 79 mg/L flow-through LC50: 96 h Oncorhynchus mykiss 79 mg/L static LC50: 96 h Poecilia reticulata 326.4 - 426.9 mg/L static	EC50: 48 h Daphnia magna 69 mg/L
2-HYDROXYETHYL METHACRYLATE		LC50: 96 h Pimephales promelas 213 - 242 mg/L flow-through LC50: 96 h Pimephales promelas 227 mg/L	

### 12.2 Persistence and degradability

Partially biodegradable.

### 12.3 Bioaccumulative potential

No data are available on the product itself.

Chemical Name	log Pow
METHYL METHACRYLATE	0.7
2-HYDROXYETHYL METHACRYLATE	0.47
2-PROPENOIC ACID, 2-METHYL-	0.93

**12.4 Mobility in soil**

**Mobility in soil**

No information available.

**Mobility**

No data is available on the product itself.

**12.5 Results of PBT and vPvB assessment**

No information available.

**12.6 Other adverse effects.**

No information available.

**13. Disposal Considerations**

**13.1 Waste treatment methods**

<b>Waste from residues / unused products</b>	Dispose of as hazardous waste in compliance with local and national regulations. European Waste Catalogue. 080111 - waste paint and varnish containing organic solvents or other dangerous substances.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn, or use a cutting torch on, the empty drum. Waste Code. 150110 - packaging containing residues of or contaminated by dangerous substances.
<b>Other information</b>	European Waste Catalogue.

**14. Transport Information**

**ADR**

<b>14.1 UN</b>	1866
<b>14.2 Proper shipping name</b>	UN 1866 - Resin solution
<b>14.3 Hazard class</b>	3
<b>ADR/RID-Labels</b>	3
<b>14.4 Packing Group</b>	II
<b>14.5 Environmental hazard</b>	Not applicable
<b>14.6 Special Provisions</b>	None
<b>Tunnel restriction code</b>	D/E
<b>Hazard identification No</b>	33

**IMDG**

<b>14.1 UN</b>	1866
<b>14.2 Proper shipping name</b>	UN 1866 - Resin solution
<b>14.3 Hazard class</b>	3
<b>14.4 Packing Group</b>	II
<b>14.5 Marine pollutant</b>	No
<b>14.6 Special Provisions</b>	None
<b>EmS</b>	F-E, S-E
<b>14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code</b>	No information available

**IATA**

14.1 UN	1866
14.2 Proper shipping name	UN 1866 - Resin solution
14.3 Hazard class	3
14.4 Packing Group	II
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

## 15. Regulatory information

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

#### National regulatory information

Germany **WGK Classification** WGK = 1 (self classification)

Germany **GIS Code** RMA 10

Denmark - **MAL Factor** MAL-kode 4-5

Chemical Name	French RG number	Title
METHYL METHACRYLATE 80-62-6	RG 65, RG 82	-
ETHYLENGLYCOL DIMETHACRYLATE 97-90-5	RG 65	-
2-HYDROXYETHYL METHACRYLATE 868-77-9	RG 65	-

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

#### Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

#### Persistent Organic Pollutants

Not applicable

#### International Inventories

TSCA	Complies
EINECS/ELINCS	Complies
DSL	Complies
PICCS	-
ENCS	-
IECSC	Complies
AICS	-
KECL	-
NZIoC	-

#### Legend

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**15.2 Chemical Safety Assessment**

No information available

**16. Other information**

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Full text of H-Statements referred to under section 3**

H302 - Harmful if swallowed  
H312 - Harmful in contact with skin  
H314 - Causes severe skin burns and eye damage  
H335 - May cause respiratory irritation  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H225 - Highly flammable liquid and vapour  
H319 - Causes serious eye irritation

**Prepared By** RPM Belgium  
Regulatory Affairs/Product Safety

**Revision Date** 19-Sep-2017

**Revision Note** Not Applicable.

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

**Disclaimer**

**The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.**

**End of Safety Data Sheet**