

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 GROUT PART A

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

Recommended Use Resin Solution

1.3 Details of the supplier of the safety data sheet

Supplier RPM/Belgium N.V.
Industriepark Noord
H. Dunantstraat 11B
B-8700 Tielt
Tel : +32 (0) 51 40 38 01
Fax : +32 (0) 51 40 55 90

This telephone number is available during office hours only

For further information, please contact: rpm@rpm-belgium.eu

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 sensitisation	Category 1 - (H317)
Chronic aquatic toxicity	Category 3 - (H412)
Flammable liquids	Category 3 - (H226)

2.2 Label elements



Signal Word

Warning

Hazard Statements

H317 - May cause an allergic skin reaction

H412 - Harmful to aquatic life with long lasting effects

H226 - 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

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

P403 + P235 - Store in a well-ventilated place. Keep cool

P501 - Dispose of contents/ container to an approved waste disposal plant

Contains ASPARTIC ACID, N,N'-(METHYLENEDI-4,1-CYCLOHEXANEDIYL)BIS-, 1,1',4,4'-TETRAETHYL ESTER

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
Ester of asparagine acid	-	152637-10-0	50 - 75	Skin Sens. 1 (H317) Aq. Chron. 3 (H412)	no data available
ASPARTIC ACID, N,N'-(METHYLENEDI-4,1-CYCLOHEXANEDIYL)BIS-, 1,1',4,4'-TETRAETHYL ESTER	429-270-1	136210-30-5	10 - 25	Skin Sens. 1 (H317) Aquatic Chronic 3 (H412)	01-0000017556-64-XX XX
2-Methoxy-1-methylethyl	203-603-9	108-65-6	10 - 25	Flam. Liq. 3 (H226)	01-2119475791-29-XX

acetate					XX
1-METHOXY-2-PROPANOL	203-539-1	107-98-2	< 1	STOT SE 3 (H336) Flam. Liq. 3 (H226)	01-2119457435-35-XX XX
2-METHOXYPROPYL ACETATE	274-724-2	70657-70-4	< 0.1	Repr. 1B (H360D) STOT SE 3 (H335) Flam. Liq. 3 (H226)	no data available

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	Show this safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice.
Inhalation	Move to fresh air. Consult a physician after significant exposure.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Use a mild soap if available. If skin irritation persists, call a doctor.
Eye contact	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
Ingestion	Gently wipe or rinse the inside of the mouth with water. Give small amounts of water to drink. 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.
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4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically.
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5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, fog, Carbon dioxide (CO₂), foam or dry chemical.

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.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Use personal protective equipment. 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 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**

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). After cleaning, flush away traces with water.

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. Use only in area provided with appropriate exhaust ventilation.

Hygiene measures

When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

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

Keep locked up or in an area accessible only to qualified or authorised persons. Keep tightly closed in a dry, cool and well-ventilated place. Protect from frost.

7.3 Specific end uses**Specific use(s)**

Refer to technical data sheet.

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
2-Methoxy-1-methylethyl acetate 108-65-6	S* TWA 50 ppm TWA 275 mg/m ³ STEL 100 ppm STEL 550 mg/m ³	Skin STEL 100 ppm STEL 550 mg/m ³ TWA: 50 ppm TWA: 275 mg/m ³	TWA: 50 ppm TWA: 275 mg/m ³ S* STEL: 100 ppm STEL: 550 mg/m ³	TWA: 50 ppm TWA: 275 mg/m ³ Skin	TWA: 50 ppm TWA: 270 mg/m ³ STEL: 100 ppm STEL: 550 mg/m ³ Skin	TWA: 50 ppm TWA: 275 mg/m ³ STEL: 100 ppm STEL: 550 mg/m ³
1-METHOXY-2-PROPANOL 107-98-2	S* TWA 100 ppm TWA 375 mg/m ³ STEL 150 ppm	Skin STEL 50 ppm STEL 187 mg/m ³ TWA: 50 ppm	TWA: 100 ppm TWA: 375 mg/m ³ S* STEL: 150 ppm	TWA: 50 ppm TWA: 185 mg/m ³ Skin	TWA: 100 ppm TWA: 370 mg/m ³ STEL: 150 ppm STEL: 560 mg/m ³	TWA: 50 ppm TWA: 188 mg/m ³ STEL: 100 ppm STEL: 375 mg/m ³

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	STEL 568 mg/m ³	TWA: 187 mg/m ³ Ceiling 50 ppm Ceiling 187 mg/m ³	STEL: 568 mg/m ³		Skin	
2-METHOXYPROPYL ACETATE 70657-70-4		Skin STEL 80 ppm STEL 440 mg/m ³ TWA: 20 ppm TWA: 110 mg/m ³		TWA: 20 ppm TWA: 110 mg/m ³		
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	The Netherlands
2-Methoxy-1-methylethyl acetate 108-65-6	TWA: 50 ppm TWA: 270 mg/m ³	TWA: 50 ppm TWA: 275 mg/m ³ S* Ceiling: 100 ppm Ceiling: 550 mg/m ³ STEL: 100 ppm STEL: 550 mg/m ³	TWA: 50 ppm TWA: 275 mg/m ³ STEL: 100 ppm STEL: 550 mg/m ³ Skin	TWA: 50 ppm TWA: 275 mg/m ³ STEL: 100 ppm STEL: 550 mg/m ³ Skin	S* STEL: 100 ppm STEL: 550 mg/m ³ TWA: 50 ppm TWA: 275 mg/m ³	TWA: 550 mg/m ³
1-METHOXY-2-PROPANOL 107-98-2	TWA: 100 ppm TWA: 370 mg/m ³	TWA: 50 ppm TWA: 185 mg/m ³ S* Ceiling: 100 ppm Ceiling: 370 mg/m ³ STEL: 150 ppm STEL: 568 mg/m ³	TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 568 mg/m ³	TWA: 100 ppm TWA: 375 mg/m ³ STEL: 100 ppm STEL: 368 mg/m ³ TWA: 50 ppm TWA: 184 mg/m ³ STEL: 150 ppm STEL: 568 mg/m ³ Skin	S* STEL: 150 ppm STEL: 568 mg/m ³ TWA: 100 ppm TWA: 375 mg/m ³	Skin STEL: 563 mg/m ³ TWA: 375 mg/m ³
2-METHOXYPROPYL ACETATE 70657-70-4	TWA: 5 ppm TWA: 28 mg/m ³ Skin	TWA: 20 ppm TWA: 110 mg/m ³ S* Ceiling: 40 ppm Ceiling: 220 mg/m ³				
Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	The United Kingdom
2-Methoxy-1-methylethyl acetate 108-65-6	TWA: 50 ppm TWA: 270 mg/m ³ Skin STEL: 75 ppm STEL: 337.5 mg/m ³	TWA: 275 mg/m ³ STEL: 550 mg/m ³	S* STEL: 100 ppm STEL: 550 mg/m ³ TWA: 50 ppm TWA: 275 mg/m ³	LLV: 50 ppm LLV: 250 mg/m ³ S* STV: 75 ppm STV: 400 mg/m ³	STEL: 50 ppm STEL: 275 mg/m ³ TWA: 50 ppm TWA: 275 mg/m ³	STEL: 100 ppm STEL: 548 mg/m ³ TWA: 50 ppm TWA: 274 mg/m ³ Skin
1-METHOXY-2-PROPANOL 107-98-2	TWA: 50 ppm TWA: 180 mg/m ³ Skin STEL: 75 ppm STEL: 225 mg/m ³	STEL: 150 ppm STEL: 568 mg/m ³ TWA: 100 ppm TWA: 375 mg/m ³	S* STEL: 150 ppm STEL: 568 mg/m ³ TWA: 100 ppm TWA: 375 mg/m ³	LLV: 50 ppm LLV: 190 mg/m ³ S* STV: 75 ppm STV: 300 mg/m ³	STEL: 200 ppm STEL: 720 mg/m ³ TWA: 100 ppm TWA: 360 mg/m ³	STEL: 150 ppm STEL: 560 mg/m ³ TWA: 100 ppm TWA: 375 mg/m ³ Skin
2-METHOXYPROPYL ACETATE 70657-70-4	TWA: 20 ppm TWA: 110 mg/m ³ Skin STEL: 30 ppm STEL: 137.5 mg/m ³		STEL: 40 ppm STEL: 220 mg/m ³ TWA: 5 ppm TWA: 28 mg/m ³		Skin STEL: 40 ppm STEL: 224 mg/m ³ TWA: 5 ppm TWA: 28 mg/m ³	

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 Showers, eyewash stations, and ventilation systems. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment
Eye/Face Protection Tightly fitting safety goggles.
Hand Protection Rubber or plastic gloves. 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).

Skin and body protection	Long sleeved clothing.
Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment.
Hygiene measures	When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.
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	No information available
Colour	transparent
Odour	Mild
Odour Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH		No information available
Melting/freezing point	Not applicable	No information available
Boiling point/boiling range		Decomposition
Flash Point	45 °C / 113 °F	
Evaporation rate	Not Applicable	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
Vapour pressure		No information available
Vapour density		No information available
Specific Gravity		No information available
Water solubility	Insoluble in water	
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		
Viscosity, dynamic	37,5 mPa.s (@25°C)	
Explosive properties		No information available
Oxidising Properties		No information available

9.2 Other information

Volatile organic compounds (VOC) content	No information available
Density	1,043 g/ml

10. Stability and Reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No information available.

Exothermic reaction.

10.4 Conditions to Avoid

Direct sources of heat.

10.5 Incompatible Materials

Strong oxidising agents

10.6 Hazardous Decomposition Products

Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product Information

Inhalation	There are no data available for this product.
Eye contact	There are no data available for this product.
Skin contact	May cause an allergic skin reaction.
Ingestion	There are no data available for this product.

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

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
1-METHOXY-2-PROPANOL	5000 mg/kg (Rat)	= 13 g/kg (Rabbit)	> 6 mg/L (Rat) 4 h

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitisation	May cause allergic skin reaction.
Germ Cell Mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
Specific target organ toxicity - single exposure	No information available.
Specific target organ toxicity - repeated exposure	No information available.
Aspiration hazard	No information available.

12. Ecological information

12.1 Toxicity

Harmful to aquatic life with long lasting effects

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

Ecotoxicity effects

No data are available on the product itself

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
2-Methoxy-1-methylethyl acetate		LC50: 96 h Pimephales promelas 161 mg/L static	EC50: 48 h Daphnia magna 500 mg/L
1-METHOXY-2-PROPANOL		LC50: 96 h Pimephales promelas 20.8 g/L static	EC50: 48 h Daphnia magna 23300 mg/L

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

Chemical Name	log Pow
2-Methoxy-1-methylethyl acetate	0.43
1-METHOXY-2-PROPANOL	-0.437

12.4 Mobility in soil

Mobility in soil

No information available.

Mobility

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects.

Discharge into the environment must be avoided.

13. Disposal Considerations

13.1 Waste treatment methods

Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.
Other information	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

14. Transport Information

ADR

14.1 UN	1866
14.2 Proper shipping name	UN 1866 - Resin solution
14.3 Hazard class	3
14.4 Packing Group	III
14.5 Environmental hazard	No
14.6 Special Provisions	None
Tunnel restriction code	D/E

IMDG

14.1 UN	1866
14.2 Proper shipping name	UN 1866 - Resin solution
14.3 Hazard class	3
14.4 Packing Group	III
14.5 Marine pollutant	Not applicable
Environmental hazard	No
14.6 Special Provisions	None
EmS	F-E,S-D
14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code	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	III
14.5 Environmental hazard	No
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)

Chemical Name	French RG number	Title
2-Methoxy-1-methylethyl acetate 108-65-6	RG 84	-

1-METHOXY-2-PROPANOL 107-98-2	RG 84	-
2-METHOXYPROPYL ACETATE 70657-70-4	RG 84	-

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	-
EINECS/ELINCS	-
DSL	-
PICCS	-
ENCS	-
IECSC	-
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

NZIoC - New Zealand Inventory of Chemicals

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**

H336 - May cause drowsiness or dizziness

H226 - Flammable liquid and vapour

H317 - May cause an allergic skin reaction

H412 - Harmful to aquatic life with long lasting effects

H360D - May damage the unborn child

H335 - May cause respiratory 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