

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



themagneticcompany®

Trade name : MAGNETIC PAINT 1,0
Revision date : 02.12.2013
Print date : 30-03-2015

Version (Revision) : 3.0.0 (2.0.0)

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

1.1 Product identifier

MAGNETIC PAINT 1,0

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

Relevant identified uses

Interior wall paint

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

U.P. Quality & Environment b.v.

Street : Postbus 176

Postal code/city : 1970 AD IJmuiden

Telephone : +31 (0)255 548448

Telefax : +31 (0)255 548445

Information contact : Safety, Health & Environment: she@ursapaint.nl

1.4 Emergency Telephone Number:

(Office hours 08:00 - 16:30 GMT +1) Outside office hours: call a Poison Center or doctor/physician.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

This mixture is classified as not hazardous according to 1999/45/EC.

Classification according to Directive 67/548/EEC or 1999/45/EC

None

Classification according to Regulation (EC) No. 1272/2008 [CLP]

None

Hazard classes and hazard categories

Skin Sens. 2

Physical hazards

Flammable Liquids : No

Health hazards

Skin Corrosion / Irritation : No

Serious eye damage / eye irritation : No

Specific target organ toxicity (single exposure) : No

Specific target organ toxicity (Respiratory tract irritation) : No

Specific target organ toxicity (Narcosis) : No

Aspiration hazard : No

Sensitisation (Respiratory) : No

Sensitisation (Skin) : Category 2

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Reproductive toxicity : No
Reproductive toxicity, Effects on or via lactation : No
Specific target organ toxicity (Repeated exposure) : No
Skin Sens. 2

2.2 Label elements

Labelling (67/548/EEC or 1999/45/EC)

Special provisions concerning the labelling of certain mixtures

99 Contains GEËTHOXYLEERD TRIMETHYLOLPROPAAN TRIACRYLAAT. May produce an allergic reaction.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Special rules for supplemental label elements for certain mixtures

EUH208 Contains GEËTHOXYLEERD TRIMETHYLOLPROPAAN TRIACRYLAAT. May produce an allergic reaction.

2.3 Other hazards

None

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Hazardous ingredients

GEËTHOXYLEERD TRIMETHYLOLPROPAAN TRIACRYLAAT ; REACH registration No. : 01-2119489900-30 ; CAS No. : 28961-43-5

Weight fraction : 0,1 - 1 %
Classification 67/548/EEC : R43 Xi ; R36
Classification 1272/2008 [CLP] : Skin Sens. 1 ; H317 Eye Irrit. 2 ; H319

AMMONIA ; EC No. : 215-647-6; CAS No. : 1336-21-6

Weight fraction : < 1 %
Classification 67/548/EEC : N ; R50 C ; R34
Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 STOT SE 3 ; H335 Aquatic Acute 1 ; H400

VETZUUR, C6-19 VERTAKT, ZINKZEEP ; EC No. : 271-378-4; CAS No. : 68551-44-0

Weight fraction : < 1 %
Classification 67/548/EEC : N ; R51/53 Xi ; R38
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Aquatic Chronic 2 ; H411

SODIUM NITRITE ; REACH registration No. : 01-2119471836-27-XXXX ; EC No. : 231-555-9; CAS No. : 7632-00-0

Weight fraction : < 1 %
Classification 67/548/EEC : O ; R8 N ; R50 T ; R25
Classification 1272/2008 [CLP] : Ox. Sol. 3 ; H272 Acute Tox. 3 ; H301 Aquatic Acute 1 ; H400

Additional information

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

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4.1 Description of first aid measures

When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice.

In case of skin contact

Remove contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or diluting agents for skin cleaning.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, keep eyelids open.

After ingestion

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam Carbon dioxide (CO2) Extinguishing powder Water mist.

Unsuitable extinguishing media

Strong water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Cool endangered containers with water in case of fire.

5.3 Advice for firefighters

Special protective equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Personal precautions

Do not inhale the vapour.

6.2 Environmental precautions

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Do not allow to enter ground-water, surface water or drains, even not in small quantities. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

For containment

Prevent spread over a wide area (e.g. by containment or oil barriers). Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

6.4 Reference to other sections

None

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Measures to prevent fire

Avoid contact with skin, eyes and clothes. Do not breathe gas/vapour/aerosol. When using do not eat, drink, smoke, sniff. Never use pressure to empty container. Keep/Store only in original container. See chapter 8 of the safety data sheet (Personal protection equipment) Comply with the health and safety at work laws. Do not allow to enter ground-water, surface water or drains, even not in small quantities.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Hints on joint storage

Storage class : 12

Storage class (TRGS 510) : 12

Further information on storage conditions

Use only in well-ventilated areas. Keep only in the original container at temperature not exceeding 40 °C. When using do not smoke. Only allow access to authorised staff. Prevent leaks and prevent soil / water pollution caused by leaks.

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Appropriate engineering controls

Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

Personal protection equipment

Users are advised to consider national Occupational Exposure Limits or other equivalent values.

Eye/face protection

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Suitable eye protection

Use tightly fitting safety glasses.

Skin protection

Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

Hand protection

Wear suitable gloves tested to EN374-3:2003. Breakthrough time (maximum wearing time) > 480 min.

Consumer exposure controls

Measures related to consumer uses of the substance (as such or in preparations)

Do not allow to enter ground-water, surface water or drains, even not in small quantities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety relevant basis data

Density - dependent of color:	(20 °C)	2,18 - 2,2	g/cm ³
PH value :		9 - 9,5	
Viscosity :	(20 °C)	1500 - 1700	mPa.s
VOC-value :		ca. 15	g/l VOC

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under recommended storage and handling conditions(See section 7).

10.3 Possibility of hazardous reactions

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.4 Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂) Nitrogen

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No information available.

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SECTION 12: Ecological information

Use appropriate container to avoid environmental contamination. Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste. Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

12.1 Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 2 for details.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Further ecological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste. Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

SECTION 14: Transport information

14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

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14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

National regulations

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

15.2 Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out.

15.3 Additional information

EU limit value for this product (cat. A/a): 30 g/l.

SECTION 16: Other information

16.1 Indication of changes

02. Special rules for supplemental label elements for certain mixtures · 03. Hazardous ingredients

- 08. Aanpassing type handschoen en doordringtijd conform EN 374 - 15. "Voor deze stof heeft geen veiligheidsbeoordeling plaatsgevonden." i.p.v. "Er is geen informatie beschikbaar." - 16. volledige lijst met afkortingen toegevoegd.

16.2 Abbreviations and acronyms

a.i. = Active ingredient

ACGIH = American Conference of Governmental Industrial Hygienists (US)

ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road

AFFF = Aqueous Film Forming Foam

AISE = International Association for Soaps, Detergents and Maintenance Products (joint project of AISE and CEFIC)

AOAC = AOAC International (formerly Association of Official Analytical Chemists)

aq. = Aqueous

ASTM = American Society of Testing and Materials (US)

atm = Atmosphere(s)

B.V. = Beperkt Vennootschap (Limited)

BCF = Bioconcentration Factor

bp = Boiling point at stated pressure

bw = Body weight

ca = (Circa) about

CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)

CEFIC = European Chemical Industry Council (established 1972)

CIPAC = Collaborative International Pesticides Analytical Council

CLP = REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Conc = Concentration

cP = CentiPoise

cSt = Centistokes

d = Day(s)

DIN = Deutsches Institut für Normung e.V.

DNEL = Derived No-Effect Level

DT50 = Time for 50% loss; half-life

EbC50 = Median effective concentration (biomass, e.g. of algae)

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EC = European Community; European Commission
EC50 = Median effective concentration
EINECS = European Inventory of Existing Commercial Chemical Substances (EU, outdated, now replaced by EC Number)
ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)
ErC50 = Median effective concentration (growth rate, e.g. of algae)
EU = European Union
EWC = European Waste Catalogue
FAO = Food and Agriculture Organization (United Nations)
GIFAP = Groupement International des Associations Nationales de Fabricants de Produits Agrochimiques (now CropLife International)
h = Hour(s)
hPa = HectoPascal (unit of pressure)
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IC50 = Concentration that produces 50% inhibition
IMDG Code = International Maritime Dangerous Goods Code
IMO = International Maritime Organization
ISO = International Organization for Standardization
IUCLID = International Uniform Chemical Information Database
IUPAC = International Union of Pure and Applied Chemistry
kg = Kilogram
Kow = Distribution coefficient between n-octanol and water
kPa = KiloPascal (unit of pressure)
LC50 = Concentration required to kill 50% of test organisms
LD50 = Dose required to kill 50% of test organisms
LEL = Lower Explosive Limit/Lower Explosion Limit
LOAEL = Lowest observed adverse effect level
mg = Milligram
min = Minute(s)
ml = Milliliter
mmHg = Pressure equivalent to 1 mm of mercury (133.3 Pa)
mp = Melting point
MRL = Maximum Residue Limit
MSDS = Material Safety Data Sheet
n.o.s. = Not Otherwise Specified
NIOSH = National Institute for Occupational Safety and Health (US)
NOAEL = No Observed Adverse Effect Level
NOEC = No observed effect concentration
NOEL = No Observable Effect Level
NOx = Oxides of Nitrogen
OECD = Organization for Economic Cooperation and Development
OEL = Occupational Exposure Limits
Pa = Pascal (unit of pressure)
PBT = Persistent, Bioaccumulative or Toxic
pH = -log₁₀ hydrogen ion concentration
pKa = -log₁₀ acid dissociation constant
PNEC = Previsible Non Effect Concentration
POPs = Persistent Organic Pollutants
ppb = Parts per billion
PPE = Personal Protection Equipment
ppm = Parts per million
ppt = Parts per trillion
PVC = Polyvinyl Chloride
QSAR = Quantitative Structure-Activity Relationship
REACH = Registration, Evaluation and Authorization of Chemicals (EU, see NCP)
SI = International System of Units

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STEL = Short-Term Exposure Limit
tech. = Technical grade
TSCA = Toxic Substances Control Act (US)
TWA = Time-Weighted Average
vPvB = Very Persistent and Very Bioaccumulative
WHO = World Health Organization = OMS
y = Year(s)

16.3 Key literature references and sources for data

None

16.5 Relevant R-phrases (Number and full text)

H272	May intensify fire; oxidiser.
H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
25	Toxic if swallowed.
34	Causes burns.
36	Irritating to eyes.
38	Irritating to skin.
43	May cause sensitization by skin contact.
50	Very toxic to aquatic organisms.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
8	Contact with combustible material may cause fire.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.