



MagVOV MSDS Sheet

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

1.1. Product identifier

Trade name : MAGVOV ADHESIVE

Chemical Name : a solvent free, high solids, modified acrylic styrene copolymer dispersion.

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

Relevant applications identified:

ADHESIVE FOR POLYOLEFIN FOILS

1.3. Details of the supplier of the safety data sheet

Company :

MagScapes Limited

5 Albemarle Way, London

EC1V 4JB, United Kingdom

1.4. Emergency telephone number T: 0800 804 4936

Emergency information:

<http://magscapes.com/>

2. Hazards identification

2.1. Classification of the substance or mixture

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

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Classification according to EU Directives 67/548/EEC or 1999/45/EC

No particular hazards known.

2.2. Label elements

The product does not require a hazard warning label in accordance with GHS. The normal safety precautions for the handling of chemicals must be observed.

2.3. Other hazards

None known

3. Composition/information on ingredients

3.1. Substances

-There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First aid measures

4.1. Description of first aid measures

General advice : Remove soiled or soaked clothing immediately

Inhalation : Ensure supply of fresh air.

In the event of symptoms seek medical advice.

Skin contact : In case of contact with skin wash off with soap and water.

In the event of symptoms seek medical advice.

Eye contact : In case of contact with eyes rinse thoroughly with water.

In the event of symptoms seek medical advice.

Ingestion : Thoroughly clean the mouth with water

In the event of symptoms seek medical advice.

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

Symptoms : No special hints.

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

Treat symptomatically.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media

: foam, carbon dioxide, dry powder, water spray.

Unsuitable

extinguishing media

: Full water jet

5.2. Special hazards arising from the substance or mixture

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In the event of fire the following can be released:
- Carbon monoxide, carbon dioxide, silicon dioxide

5.3. Advice for firefighters

Do not inhale explosion and/or combustion gases
Use self-contained breathing apparatus

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.
Ensure adequate ventilation.

6.2. Environmental precautions

Do not allow to enter drains or waterways
Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder)
Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

For further information on exposure monitoring and disposal see sections 8 and 13.

7. Handling and storage

Handling:

Use with adequate ventilation.

Storage :

Store in a fireproof location. Keep away from incompatible materials and avoid specific conditions (See section 10). Sensitive to frost

Storage temperature :

Store between the following temperatures: 5 and 40 °C.

8. Exposure controls/personal protection

Engineering controls:

No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Personal Protection Eyes:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Skin:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory:

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands:

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : liquid

Form : liquid

Colour : off-white, clear

Odour : slight, typical ammonia

pH : 8 - 9 (20 °C)

Boiling point : 100 °C

Flash point : >100 °C Method: DIN 53213

Relative density : 1.02

10. Stability and reactivity

10.1. Reactivity

see section "Possibility of hazardous reactions"

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10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

10.4. Conditions to avoid

10.5. Incompatible materials

Unknown

10.6. Hazardous decomposition products

None with proper storage and handling.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : no data available

Acute toxicity (inhalation) : no data available

Acute toxicity (dermal): no data available

Irritation/corrosion of the skin: no data available

Serious eye damage/eye irritation: no data available

Respiratory/skin sensitization : no data available

Repeated dose toxicity : no data available

12. Ecological information

Ecotoxicology Assessment

Acute aquatic toxicity : No known significant effects or critical hazards.

Chronic aquatotoxicity: no data available

12.1. Toxicity

Aquatoxicity, fish : no data available

12.2. Persistence and degradability

: no data available

13. Disposal considerations

13.1. Waste treatment methods

Product : In accordance with local authority regulations, take to special waste incineration plant

Contaminated packaging

: If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. Transport information

Not dangerous according to transport regulations.

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: No

15. Regulatory information

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

National legislation

Technical instructions

on Air Quality

: 5.2.5 (no class)

Major Accident

Hazard Legislation

: ---

Water contaminating

class (Germany)

: low hazard to waters

Classification acc. to German law

Risk classification

according to

BetrSichV (Germany)

: ---

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Other regulations : none

15.2. Chemical safety assessment

Chemical safety
assessment

: No chemical safety assessment was carried out for this product.

16. Other information

List of references

Other information : Comply with national laws regulating employee instruction.

Revision date : 09.04.2014

Relevant H phrases from chapter 3

H319 : Causes serious eye irritation.

Relevant R phrases from chapter 3

R36 : Irritating to eyes.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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Legend

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

ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADNR European agreement concerning the international carriage of dangerous goods by inland waterways (ADN)

ASTM American Society for Testing and Materials

ATP Adaptation to Technical Progress

BCF Bioconcentration factor

BetrSichV German Ordinance on Industrial Safety and Health

c.c. closed cup

CAS Chemical Abstract Services

CESIO European Committee of Organic Surfactants and their Intermediates

ChemG German Chemicals Act

CMR carcinogenic-mutagenic-toxic for reproduction

DIN German Institute for Standardization

DMEL Derived minimum effect level

DNEL Derived no effect level

EINECS European Inventory of Existing Commercial Chemical Substances

EC50 half maximal effective concentration

GefStoffV German Ordinance on Hazardous Substances

GGVSEB German ordinance for road, rail and inland waterway transportation of dangerous goods

GGVSee German ordinance for sea transportation of dangerous goods

GLP Good Laboratory Practice

GMO Genetic Modified Organism

IATA International Air Transport Association

ICAO International Civil Aviation Organization

IMDG International Maritime Dangerous Goods

ISO International Organization For Standardization

LOAEL Lowest observed adverse effect level

LOEL Lowest observed effect level

NOAEL No observed adverse effect level

NOEC no observed effect concentration

NOEL no observed effect level

o. c. open cup

OECD Organisation for Economic Cooperation and Development

OEL Occupational Exposure Limit

PBT Persistent, bioaccumulative, toxic

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PEC Predicted effect concentration
PNEC Predicted no effect concentration
REACH REACH registration
RID Convention concerning International Carriage by Rail
STOT Specific Target Organ Toxicity
SVHC Substances of Very High Concern
TA Technical Instructions
TPR Third Party Representative (Art. 4)
TRGS Technical Rules for Hazardous Substances
VCI German chemical industry association
vPvB very persistent, very bioaccumulative
VOC volatile organic compounds
VwVwS German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
WGK Water Hazard Class
WHO World Health Organization