

Safety data sheet

according to 1907/2006/EC



Trade name: Pavaprim
Date of publication: 04.07.2012

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

1.1 Product name: Pavaprim

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

Surface active agent

1.3 Field of application: industrial/professional use

1.4 Details of the supplier of the safety data sheet:

Pavatex SA
Rte de la Pisciculture 37
CH-1701 Fribourg
E-Mail: info@pavatex.ch
Telephone number: +41 26 426 31 11

1.5 Emergency telephone number: +41 26 426 31 11 (only accessible during office hours)

2 Hazards identification

2.1 Classification of the substance or mixture:

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

Information concerning particular hazards for human and environment:

No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

2.2 Label elements:

Labelling according to EU guidelines:

Observe the normal safety regulations when handling chemicals

The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

Safety phrases:

35 This material and its container must be disposed of in a safe way.

2.3 Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Description: Mixture of the substances listed below with harmless additions.

Dangerous components: Void

Safety data sheet

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Trade name: Pavaprim
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Additional information: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

4.1 Description of first aid measures:

General information:

No special measures required.

After inhalation:

Supply fresh air; consult doctor in case of symptoms.

After skin contact:

Instantly rinse with water.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing:

In case of persistent symptoms consult doctor.

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

No further relevant information available.

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

No further relevant information available.

5 Fire fighting measures

5.1 Suitable extinguishing agents:

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for fire fighters

Wear self-contained breathing apparatus. Wear full protective suit.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Not required

6.2 Environmental precautions:

Dilute with much water. Do not allow to enter drainage system, surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 Reference to other sections:

See Section 8 for information on personal protection equipment.

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7 Handling and storage

7.1 Precautions for safe handling:

No special measures required.

Information about protection against explosions and fires: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and containers: Suitable material for containers and pipes: High-grade steel. Use polyolefine containers.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Protect from frost.

7.3 Specific end use(s):

Surface active agent

8 Exposure controls/personal protection

8.1 Control parameters:

Components with critical values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the compilation were used as basis.

8.2 Exposure controls:

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures should be adhered to in handling the chemicals.

Breathing equipment:

Use breathing protection in case of insufficient ventilation.

Protection of hands:

Impervious gloves

Material of gloves:

Rubber gloves. PVC or PE gloves.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Safety glasses recommended during refilling.

Body protection:

Protective work clothing.

8.3 Additional information about design of technical systems:

No further data; see item 7.

Safety data sheet

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9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:

Form: Fluid
Colour: Different according to colour

Smell: Recognizable

Odour threshold: Not determined.

pH-value: 6-7 (EN 1245)

Change in condition:

Melting point/Melting range: Not determined
Boiling point/Boiling range: 100°C

Flash point: Not applicable

Inflammability (solid, gaseous): Not applicable.

Ignition temperature: Not determined.

Decomposition temperature: Not determined.

Self-inflammability: Product is not selfigniting.

Danger of explosion: Product is not explosive.

Critical values for explosion:

Lower: Not determined.
Upper: Not determined.

Steam pressure: Not determined.

Density at 20°C: ca. 1.02 g/cm³ (EN 5412)

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with Water: Not miscible or difficult to mix

Segregation coefficient (n-octanol/water): Not determined.

Viscosity: Consult technical data sheet

9.2 Other information:

The indicated values do not always correspond to the product specification.
Please see the technical data sheet for specification data.

10 Stability and reactivity

10.1 Reactivity: -

10.2 Chemical stability:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions:

No dangerous reactions known.

10.4 Conditions to avoid:

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

Safety data sheet

according to 1907/2006/EC



Trade name: Pavaprim
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10.6 Hazardous decomposition products:

No decomposition if used according to specifications.
No dangerous decomposition products known.

11 Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritant effect.

Sensitization: No sensitizing effect known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

No further relevant information available.

12 Ecological information

12.1 Toxicity:

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability:

No further relevant information available.

12.3 Bioaccumulative potential:

No further relevant information available.

12.4 Mobility in soil:

No further relevant information available.

12.5 Additional ecological information:

General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water. This statement was deduced from the properties of the single components.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

12.6 Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

Safety data sheet

according to 1907/2006/EC

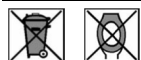


Trade name: Pavaprim
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13 Disposal considerations

13.1 Waste treatment methods:

Recommendation:



Must not be disposed of together with household garbage.
Do not allow product to reach sewage system.

European waste catalogue

- 08 00 00 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
- 08 04 00 wastes from MFSU of adhesives and sealants (including waterproofing products)
- 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances

Uncleaned packagings:

Recommendation:

Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

- 15 00 00: WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
- 15 01 00: packaging (including separately collected municipal packaging waste)
- 15 01 10*: packaging containing residues of or contaminated by dangerous substances

14 Transport information

14.1 UN-Number:

ADR, ADN, IMDG, IATA: Void

14.2 UN proper shipping name:

ADR, ADN, IMDG, IATA: Void

14.3 Transport hazard class(es):

ADR, ADN, IMDG, IATA Class: Void

14.4 Packing group:

ADR, IMDG, IATA: Void

14.5 Environmental hazards:

Marine pollutant: No

14.6 Special precautions for user:

Not applicable.

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

Not applicable.

14.8 Transport/Additional information:

Not dangerous according to the above specifications.

Safety data sheet

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15 Regulatory information

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

Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer: Not applicable.

Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC: Not applicable.

Regulation (EC) No 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals: No further relevant information available.

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents: Not applicable.

Annex XVII REACH: Not applicable.

National regulations

Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

Sources

Council Directive 67/548/EEC (in the relevant version) classification, packaging and labelling of dangerous substances

Directive 1999/45/EC (in the relevant version) classification, packaging and labelling of dangerous preparations

Regulation (EC) No 1907/2006 (in the relevant version) Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Access to European Union law: <http://eur-lex.europa.eu/de/index.htm>

ETOX: Information System Ecotoxicology and Environmental Quality Targets: <http://webetox.uba.de/webETOX/index.do>

GESTIS-database on hazardous substances:

<http://www.dguv.de/ifa/de/gestis/stoffdb/index.jsp>

GESTIS International Limit Values:

http://bgia-online.hvbg.de/LIMITVALUE/WebForm_gw.aspx

ECHA Information on Registered Substances