

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.07.2014

Version number 1

Revision: 20.02.2013

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

Product identifier

Trade name: Deichmann Hi-Tech Pflegeschaum

Article number: 8632

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

Application of the substance / the mixture

Maintenance product
shoecare

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

melvo GmbH
Voithstr. 1
D-71640 Ludwigsburg
Tel.: +49 / 7141/48880-0
Fax: +49 / 7141/48880-18
e-mail: sicherheitsdatenblaetter@melvo.com

Informing department: laboratory

Emergency telephone number:

+49 / 7141 / 488 80 0
Monday-Thursday 8.00 AM - 04.00 PM, Friday 8.00 AM - 02.00 PM

Poison Control Centre: +44 / 20 7188 0100

2 Hazards identification

Classification of the substance or mixture

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

F+; Extremely flammable

R12: Extremely flammable.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Warning! Pressurized container.

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.

Label elements

Labelling according to EU guidelines:

The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)

Code letter and hazard designation of product:



F+ Extremely flammable

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Trade name: Deichmann Hi-Tech Pflegeschaum

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Risk phrases:

12 Extremely flammable.

Safety phrases:

2 Keep out of the reach of children.

16 Keep away from sources of ignition - No smoking.

Special labelling of certain preparations:

Labelling in accordance with the Directive 94/1/EEC for adaption of the Aerosol Directive 75/324/EEC:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C.

Do not pierce or burn, even after use -

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of reach of children.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not pierce or burn, even after use.

19.1 % by mass of the contents are flammable

Keep out of the reach of children

Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixtures**Description:** Active substance with propellant.**Dangerous components:**

CAS: 106-97-8 EINECS: 203-448-7	butane, pure	F+ R12	10-25%
CAS: 74-98-6 EINECS: 200-827-9	propane liquefied	F+ R12	2.5-10%

Additional information For the wording of the listed risk phrases refer to section 16.

4 First aid measures

Description of first aid measures**After inhalation** Supply fresh air; consult doctor in case of symptoms.**After skin contact** The product is not skin irritating.**After eye contact** Rinse opened eye for several minutes under running water.**After swallowing** In case of persistent symptoms consult doctor.**Information for doctor****Most important symptoms and effects, both acute and delayed**

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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5 Firefighting measures

Extinguishing media

Suitable extinguishing agents

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

Special hazards arising from the substance or mixture

Can be released in case of fire

Carbon monoxide (CO)

Advice for firefighters

Protective equipment: No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Avoid contact with skin and eyes.

Environmental precautions: No special measures required.

Methods and material for containment and cleaning up:

Dilute with much water.

Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

7 Handling and storage

Handling

Precautions for safe handling

Keep away from heat and direct sunlight.

Open and handle container with care.

Information about protection against explosions and fires:

Do not spray on flames or red-hot objects.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire

even after use. Keep away from sources of ignition - do not smoke!

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers:

Store in cool location.

Observe official regulations on storing packagings with pressurized containers.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Keep container tightly sealed.

Do not seal container gastight.

Store in cool, dry conditions in well sealed containers.

Protect from heat and direct sunlight.

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Trade name: Deichmann Hi-Tech Pflegeschaum**Specific end use(s)** No further relevant information available.

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8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with critical values that require monitoring at the workplace:**106-97-8 butane, pure (10-25%)**

OES	Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm
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74-98-6 propane liquefied (2.5-10%)

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

Exposure controls

Personal protective equipment

General protective and hygienic measures

Wash hands during breaks and at the end of the work.

Breathing equipment: Use breathing protection in case of insufficient ventilation.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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: Tightly sealed safety glasses.

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:	foam
Colour:	Whitish
Smell:	Characteristic
Odour threshold:	Not determined.

pH-value at 20 °C:	7
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Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	0 °C
Flash point:	-60 °C
Inflammability (solid, gaseous)	Not applicable.
Ignition temperature:	365 °C
Decomposition temperature:	Not determined.
Self-inflammability:	Product is not selfigniting.
Danger of explosion:	Not determined.
Critical values for explosion:	
Lower:	1.5 Vol %
Upper:	8.5 Vol %
Steam pressure at 20 °C:	23 hPa
Density	Not determined
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not applicable.
Solubility in / Miscibility with Water:	Partly miscible
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
Solvent content:	
Organic solvents:	19.1 %
Water:	63.0 %
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known

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11 Toxicological information

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.

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.**Persistence and degradability** No further relevant information available.**Behaviour in environmental systems:****Bioaccumulative potential** No further relevant information available.**Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:** Generally not hazardous for water.**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**Other adverse effects** No further relevant information available.

13 Disposal considerations

Waste treatment methods

Recommendation

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

Uncleaned packagings:**Recommendation:**

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

Recommended cleaning agent: Water, if necessary with cleaning agent.

14 Transport information

UN-Number

ADR, IMDG, IATA

1950

UN proper shipping name

IMDG

IATA

AEROSOLS with a capacity of 1000 cm³ or less

Aerosols, flammable

Transport hazard class(es)

ADR

Class

Limited Quantities (LQ 2)

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Label	Raute "UN 1950"
IMDG Class	2 (Limited Quantities) Gases.
IATA Class	2.1
Packing group IATA	203
Environmental hazards: Marine pollutant:	No
Special precautions for user EMS Number:	Not applicable. 2-13
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15 Regulatory information

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

National regulations

Technical instructions (air):

Class	Share in %
III	19.1

Water hazard class: Generally not hazardous for water.

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.

Relevant phrases

R12 Extremely flammable.

Department issuing data specification sheet: laboratory

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