



MATERIAL SAFETY DATA SHEET acc. to OSHA HCS

Hallmark Standard 4 Adhesive

PRODUCT NAME: Hallmark Standard 4 Adhesive
PRINTING DATE: 5/31/13

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

Product identifier:
Hallmark Standard 4 Adhesive

Trade name:
Hallmark Standard 4 Adhesive

Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

Details of the supplier of the safety data sheet

Distributor:
Hallmark Floors LLC
2360 S. Archibald Ave. Ontario, CA 91761
Phone 888.551.0888
Fax 909.947.7776

Emergency information:
CHEMTREC 1-800-424-9300 (USA) 1-703-527-3887 (International)

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the substance or mixture
The product is not classified according to the Globally Harmonized System (GHS).

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.

Information concerning particular hazards for human and environment:
The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.



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SECTION 3 - HAZARDOUS IDENTIFICATION (cont.)

Label elements

Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations according to directives on hazardous materials.

Safety phrases:

Do not empty into drains.

This material and its container must be disposed of as hazardous waste.

Classification system:

NFPA ratings (scale 0 - 4)

Health = 0

Fire = 0

Reactivity = 0

WHMIS-ratings (scale 0 - 4)

Health = 0

Fire = 0

Reactivity = 0

SECTION 4 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

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

Dangerous components: Void

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

SECTION 5 - FIRST AID MEASURES

General information: No special measures required.

After inhalation: Supply fresh air; consult doctor in case of complications.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

Information for doctor:



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SECTION 6 - FIRE FIGHTING MEASURES

Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture: No further relevant information available.

Protective equipment: No special measures required.

SECTION 7 - ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Not required.

Environmental precautions: Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Additional information: No dangerous substances are released.

See Section 8 for information on safe handling. See Section 9 for information on personal protection equipment. See Section 14 for disposal information.

SECTION 8 - HANDLING AND STORAGE

HANDLING:

Precautions for safe handling: No special measures required. Avoid contact with the eyes.

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

STORAGE:

Requirements to be met by storerooms and receptacles: No special requirements.

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

Further information about storage conditions: Protect from frost.

Specific end use(s): No further relevant information available.



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SECTION 9 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

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

CONTROL PARAMETERS:

Components with limit 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 creation were used as basis.

PERSONAL PROTECTIVE EQUIPMENT:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Wash hands before breaks and at the end of work.

Breathing equipment: Not necessary if room is well-ventilated.

Protection of hands: Material of gloves Butyl rubber, BR

Eye protection: Goggles recommended during refilling.

Body protection: Protective work clothing

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

Form: Fluid

Color: Light Yellow

Odor: Characteristic

Odor Threshold: Not determined

PH-VALUE AT 20 °C (68 °F): 7.0

CHANGE IN CONDITION

Boiling point/Boiling range: 100°C (212°F)

FLASH POINT: Not applicable

FLAMMABILITY (SOLID, GASEOUS): Not applicable.

IGNITION TEMPERATURE: Decomposition temperature: Not determined.

AUTO IGNITING: Product is not selfigniting.



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DANGER OF EXPLOSION:

Product does not present an explosion hazard.

EXPLOSION LIMITS:

Lower: Not determined.

Upper: Not determined.

VAPOR PRESSURE AT 20 °C (68 °F): 23 hPa (17 mm Hg)

DENSITY AT 20°C (68°F): 1.34 g/cm³ (11.182 lbs/gal)

Relative density Not determined.

Vapour density Not determined.

Evaporation rate Not determined.

SOLUBILITY IN / MISCIBILITY WITH WATER: Fully miscible.

VISCOSITY:

Dynamic at 20°C (68°F): 22500 mPas

Kinematic: Not Determined

SOLVENT CONTENT:

Organic solvents: 0.0 %

Water: 23.1 %

VOC Content: 3.30%

OTHER INFORMATION: No further relevant information available

SECTION 11 - STABILITY AND REACTIVITY

REACTIVITY

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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SECTION 12 - TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

ADDITIONAL TOXICOLOGICAL INFORMATION:

The product is not subject to classification according to internally approved calculation methods for preparations: 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.

SECTION 13 - ECOLOGICAL INFORMATION

AQUATIC TOXICITY: No further relevant information available.

PERSISTENCE AND DEGRADABILITY: No further relevant information available.

BEHAVIOR IN ENVIRONMENTAL SYSTEMS:

Bioaccumulative potential: No further relevant information available.

ADDITIONAL ECOLOGICAL INFORMATION:

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 14 - DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

Recommendation: Smaller quantities can be disposed of with household waste.

UNCLEANED PACKAGINGS:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.



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SECTION 15 - TRANSPORT INFORMATION

UN-NUMBER:

DOT, ADR, ADN, IMDG, IATA: Void

UN PROPER SHIPPING NAME:

DOT, ADR, ADN, IMDG, IATA Void

TRANSPORT HAZARD CLASS(ES)

DOT, ADR, ADN, IMDG, IATA

Class: Void

PACKING GROUP:

DOT, ADR, IMDG, IATA VOID

ENVIRONMENTAL HAZARDS:

Marine pollutant: No

SPECIAL PRECAUTIONS FOR USER: Not applicable.

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:

Not applicable.

UN "MODEL REGULATION": -

SECTION 16 - REGULATIONS

SARA:

Section 355 (extremely hazardous substances): None of the ingredient is listed.

Section 313 (Specific toxic chemical listings): None of the ingredients is listed.

TSCA (Toxic Substances Control Act):

24937-78-8 Vinylacetat-Copolymer mit Ethylen

Emulan EL



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SECTION 16 - REGULATIONS (CONT.)

PROPOSITION 65:

Chemicals known to cause cancer: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.

Chemicals known to cause developmental toxicity: None of the ingredients is listed.

CANADIAN INGREDIENT DISCLOSURE LIST:

Limit 0,1%: None of the ingredients is listed.

Limit 1%: None of the ingredients is listed.

CANCEROGENITY CATEGORIES:

EPA (Environmental Protection Agency) None of the ingredients is listed.

IARC (International Agency for Research on Cancer): None of the ingredients is listed.

NTP (National Toxicology Program): None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH): None of the ingredients is listed.

MAK (German Maximum Workplace Concentration): None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.

PRODUCT RELATED HAZARD INFORMATION:

Hazard symbols:

The product is not subject to identification regulations according to directives on hazardous materials.

Safety phrases: Keep locked up.

NATIONAL REGULATIONS:

Technical Instructions (air)

Class Share in %

Wasser 10-25

NK 2,5-1

SECTION - 17 OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS: Technical Department

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Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

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

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)