

SAFETY DATA SHEET

ADHESIVES | HALLMARK 3 - ADHESIVE

Hallmark Floors Adhesive

acc. to OSHA HCS

PRINTING DATE: 5/31/13

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

- 1.1 Product identifier:**
Hallmark 3 Adhesive
- Trade name:**
Hallmark 3 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

- 2.1 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.

Section 3: Hazardous Identification

- 3.1 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
- Other hazards:**
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

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Section 4: Composition/information on ingredients

4.1 Chemical characterization: Mixtures

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

Dangerous components: 1317-65-3 calciumcarbonate 10-25%

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

Section 5: First aid measures

5.1 General information: No special measures required.

After inhalation: Supply fresh air

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:

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

Section 6: Fire fighting measures

6.1 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

7.1 Person-related safety precautions: Not required.

Environmental precautions: Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

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

8.1 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

9.1 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

10.1 General Information

Form: Fluid

Color: Light Yellow

Odor: Weak, Characteristic

Odor Threshold: Not determined

pH-value at 20 °C (68 °F): 7.5

Change in condition

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

Flash point: 170 °C (338 °F)

Flammability (solid, gaseous): Not applicable.

Ignition temperature: Decomposition temperature: Not determined.

Auto igniting: Product is not selfigniting.

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): 1.04 g/cm³ (8.679 lbs/gal)

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with Water: Not Determined

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

Viscosity:

Dynamic at 20°C (68°F): 14000 mPas

Kinematic: Not Determined

Solvent content:

Organic solvents: 0.0 %

Water: 25.9 %

VOC Content: 0.00%

Other information: No further relevant information available

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Section 11: Stability and reactivity

11.1 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.

Section 12: Toxicological information

12.1 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.

Carcinogenic categories

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

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

Section 13: Ecological information

13.1 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.

Mobility in soil: 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.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

Section 14: Disposal considerations

14.1 Waste treatment methods

Recommendation: Contact waste processors for recycling information. 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

- 15.1 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 15: Transport information

- 15.1 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

- 16.1 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, Agitan
- 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.

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Section 16: REGULATIONS [cont]

- 16.1 [cont]** **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.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Section 17: Other information

- 17.1** 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 SDS:

Technical Department

Contact: 888.551.0888

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)

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

- 1.1 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

- 2.1 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.

Section 3: Hazardous identification

- 3.1 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

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Section 4: Composition/information on ingredients

4.1 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

5.1 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.

Section 5: First Aid Measures

5.1 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.

Section 6: Fire fighting measures

6.1 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

7.1 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

8.1 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

- 9.1 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

- 10.1 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 applicatble
- Flammability (solid, gaseous):** Not applicable.
- Ignition temperature:** Decomposition temperature: Not determined.
- Auto igniting:** Product is not selfigniting.

Section 11: Stability and reactivity

- 11.1 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 applicatble
- Flammability (solid, gaseous):** Not applicable.
- Ignition temperature:** Decomposition temperature: Not determined.
- Auto igniting:** Product is not selfigniting.
- 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)

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Section 11: Stability and reactivity [cont]

- 11.1 [cont]** **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 12: Toxicological information

- 12.1** **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

- 13.1** **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

- 14.4** **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.

Section 14: Disposal considerations

- 14.4** **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

- 15.1 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

- 16.1 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
- 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.
- Carcinogen 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