

SAFETY DATA SHEET

VINYL | FLOOR PLANK & TILE MAINTENANCE | SURFACE GUARDIAN - REFRESH

Hallmark Floors Surface Guardian ReFresh

SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Annex II-EU

Date Issued: 1/1/2016

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SECTION 1: Product Identifier

- 1.1 Product Name**
ReFresh for Surface Guardian
Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/preparation
Water based refresher/renovator for Hallmark Floors luxury vinyl floors
- 1.2 Details of the supplier of the safety data sheet**
Company Name
Hallmark Floors Inc.
Street Address
2360 S. Archibald Ave.
Ontario, CA 91764
Phone: 909 947-7736
FAX: 909 947-7776
www,hallmarkfloors.com
Contact Person
Ronald Oliver

SECTION 2: Classification of substance or mixture

- 2.1 Label elements**
Composition on the label
Ammonia ...%:< 1 %
- 2.2 Other hazards**
When spray applying see section 8.

SECTION 3: Composition/information on ingredients

- 3.1 Label elements**
Composition on the label
Ammonia ...%:< 1 %
- 3.2 Other hazards**
When spray applying see section 8.

Substance	Identification	Classification	Contents
Ammonia ...%	CAS no.: 1336-21-6 EC no.: 215-647-6 Index no.: 007-001-01-2 C; R34 N; R50	Skin Corr 1B;H314; Aquatic Acute 1;H400; Note : B	< 1 %

SECTION 4: First Aid Measures

- 4.1 General**
Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person.
- Inhalation**
Use with adequate ventilation.
- Skin contact**
Remove/Take off immediately all contaminated clothing. IF ON SKIN: Wash with plenty of soap and water. Do NOT use solvents or thinners
- Eye contact**
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.

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SECTION 4: First Aid Measures [cont]

- 4.1 Ingestion**
[cont] IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
- 4.2** Most important symptoms and effects, both acute and delayed
- 4.3** Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

- 5.1 Extinguishing media**
Suitable extinguishing media
 Recommended extinguishing media : alcohol resistant foam, CO₂, powders, water spray. Do not use water jet.
- 5.2 Special hazards arising from the substance or mixture**
Fire and explosion hazards
 Fire will produce dense black smoke. Decomposition products can be hazardous. At high temperatures create: Carbon monoxide (CO), carbon dioxide (CO₂), smoke, and nitrogen gases (NO_x).
- 5.3 Advice for firefighters**
Personal protective equipment
 Wear respiratory protection.
Other Information
 Eliminate all ignition sources if safe to do so. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
General measures
 See sections 7 and 8.
Personal protection measures
 In case of inadequate ventilation wear respiratory protection. Wear fire / flame resistant / retardant clothing. Use personal protective equipment as required.
 Wear cold insulating gloves / face shield / eye protection.
 Wear protective gloves / protective clothing / eye protection / face protection.
 Avoid breathing dust / fume / gas / mist / vapors / spray.
 If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- 6.2 Environmental precautions**
Environmental precautionary measures
 Collect spillage. Avoid release to the environment. If the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local regulations.
- 6.3 Methods and material for containment and cleaning up**
Cleaning method
 Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.
- 6.4 Reference to other sections**

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SECTION 7: Precautions for safe handling

7.1 Handling

Avoid spilling, skin- and eye contact. Avoid breathing dust / fume / gas / mist / vapors / spray. Avoid breathing dust.

Protective Safety Measures

Smoking, eating and drinking should be prohibited in application area. Remove contaminated clothing and protective gear before you get to an area where meals are taken.

Additional information

For personal protection see Section 8. Never use pressure to empty : container is not a pressure vessel.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Keep only in original container. Store in a well-ventilated place. Keep container tightly closed. Store in a dry place. Store in a closed container. Keep cool. Protect from sunlight. Comply with the health and safety at work laws.

Conditions To Avoid

Protect from sunlight. Keep away from heat / sparks / open flames / hot surfaces. No smoking. Prevent unauthorized access.

Conditions for safe storage

Storage Temperature

Value: 5-25 Celsius / 40-80 Fahrenheit

7.3 Specific end use(s)

Recommendations

Do not handle until all safety precautions have been read and understood.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure limit values

Substance	Identification	Value	TWA Year
Ammonia ...%	CAS no.: 1336-21-6 EC no.: 215-647-6	Index no.: 007-001-01-2	

8.2 Exposure controls

Precautionary measures to prevent exposure

Appropriate engineering controls

Use with adequate ventilation. If possible this should be achieved by local extraction and good exhaust ventilation. If these are not sufficient to maintain concentrations of particulates and solvent vapors below the OEL, suitable respiratory equipment.

Respiratory protection

Respiratory protection with gas filter (brown A) must be used if air concentration exceeds acceptable level (OEL).

Mask type

When spraying, use half-or full face mask with filter P2 (IIB) to spray.

Hand protection

Wear cold insulating gloves / face shield / eye protection

Skin-/ hand protection, long term

contact

For prolonged or repeated contact use gloves made of butyl rubber.

Suitable materials

Barrier creams may help to protect the skin, but they should however not be used once exposure has occurred

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SECTION 8: Exposure controls/personal protection [cont]

- 8.2** **Eye / face protection**
[cont] **Suitable Eye Protection**
 Wear cold insulating gloves / face shield / eye protection.
Skin protection
Skin protection (except hands)
 Wear fire / flame resistant / retardant clothing.

SECTION 9: Information on basic physical and chemical properties

- 9.1** **Physical state**
 Liquid.
Odor
 Faint
Comments, Odor limit: Not applicable.
Comments, pH (as supplied): Not determined.
Comments, pH (aqueous solution): Not determined.
Comments, Melting point / melting range: Not determined.
Comments, Boiling point / boiling range: Not determined.
Flash point
 Value: 105 °C / 221 ° F
Comments, Evaporation rate: Not determined.
Flammability (solid, gas): Not determined
Comments, Explosion limit: Not applicable.
Comments, Vapor pressure: Not determined.
Comments, Vapor density: Not determined.
Specific gravity
 Value: 1 g/ml
Method of testing: ASTM 6450
 Test temperature: 23 °C / 73.4° F
Solubility in water
 Unlimited.
Comments, Partition coefficient: noctanol / water
 Not applicable.
Comments, Decomposition temperature: Not determined
Explosive properties
 Not explosive.
Oxidizing properties
 Non Oxidizing
- 9.2** **Other information**
Content Of Voc
 Value: 0 g/l
 Comments: Initial boiling point less than or equal to 250 grad Celsius.

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SECTION 10: Exposure controls/personal protection [cont]

- 10.1 Reactivity**
Not reactive.
- 10.2 Chemical stability**
Stability
Stable under recommended storage and handling conditions (see section 7).
- 10.3 Possibility of hazardous reactions**
Not dangerous if handled according to Technical Information.
- 10.4 Conditions to avoid**
Not applicable.
- 10.5 Incompatible materials**
Materials to avoid
Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reaction.
- 10.6 Hazardous decomposition products**
When exposed to high temperature may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

SECTION 11: Exposure controls/personal protection [cont]

- 11.1 Toxicological data for substances\ Potential acute effects**
Inhalation
May cause drowsiness or dizziness. May cause respiratory irritation.
Skin contact: No information is available.
Eye contact: No information available.
Ingestion
Ingestion may cause nausea and vomiting.
Skin corrosion / irritation, other information: No information available.
Aspiration hazard, human experience
When applying see section 8.
Eye damage or irritation other information
If splashed in the eyes, the liquid may cause irritation and reversible damage.
Delayed effects / repeated exposure
General respiratory or skin sensitization
Prolonged or repeated contact may defat the skin, resulting in non-allergic contact eczema and absorption through the skin.
STOT-single exposure: No information available.
STOT-repeated exposure: No information available.
Carcinogenic, Mutagenic or Reprotoxic
Carcinogenicity human experience: No information is available.
Germ Cell Mutagenicity, human experience: No information available.
Reproductive toxicity: No information available.

SECTION 12: Toxicity

- 12.1 Toxicity**
Aquatic, comments
Ammonia is very toxic to aquatic life.
Toxicological data for substances

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SECTION 12: Toxicity

- 12.1 Toxicity**
Aquatic, comments
 Ammonia is very toxic to aquatic life.
 Toxicological data for substances
- 12.2 Persistence and degradability**
 Not determined.
- 12.3 Bio accumulative potential**
Bioaccumulation evaluation
 Not determined.
- 12.4 Mobility in soil**
Mobility
 Not determined.
- 12.5 Results of PBT and vPvB assessment**
PBT assessment results
 Not classified as PBT / vPvB of current EU criteria.
- 12.6 Other adverse effects / Remarks**
 None known.

SECTION 13: Waste treatment methods

- 13.1 Waste treatment methods**
Specify the appropriate methods of disposal
 Avoid release to the environment. Collect spillage.
Product classified as hazardous waste
 Yes
EWC waste code
 EWC: 08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS

SECTION 14: Transport information

- 14.1** UN number
- 14.2 UN proper shipping name**
 ADR

 RID

 IMDG

 ICAO/IATA

- 14.3** Transport hazard class(es)
- 14.4** Packing group
- 14.5 Environmental hazards**
IMDG Marine pollutant
 No
- 14.6** Special precautions for user
- 14.7** Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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SECTION 15: Regulatory information

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

Legislation and regulations

Classification and labeling of substances according to Regulation (EC)

1272/2008 (CLP) is in section 3.

Classification and labeling of substances according to Regulation (EC)

1272/2008 (CLP) is in section 2.

Safety data sheet is designed according to EU Commission Regulation No.

1907/2006.

15.2 Chemical safety assessment

Performed:

No

SECTION 16: Other Information

16.1 List of relevant R-phrases (under headings 2 and 3).

R34 Causes burns.

R50 Very toxic to aquatic organisms.

List of relevant H-phrases (Section 2 and 3).

H400 Very toxic to aquatic life.

H314 Causes severe skin burns and eye damage.

Version

1

Responsible for safety data sheet

Hallmark Floors Inc.

Comments

The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.