

SAFETY DATA SHEET

HARDWOOD | MAINTENANCE | TRUEMARK REFRESH

Hallmark Floors TrueMark Refresh

Date Issued: 7/15/2016

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SECTION 1 - SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Annex II-EU

1.1 Identification of the substance/preparation and of the company/undertaking

Product Identifier

Product Name: TrueMark Refresh

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

Use of the substance/preparation:

Water based refresher/renovator for Hallmark Floors TrueMark Poly & GlazeTec Factory-Applied Polyurethane Finishes

1.3 Supplier

Company Name: Hallmark Floors Inc.

Street Address: 2360 S. Archibald Ave.

City, State, Zip: Ontario, CA 91764

Phone: 909 947-7736

FAX: 909 947-7776

Web Address: www.hallmarkfloors.com

Contact Person: Ronald Oliver

SECTION 2: HAZARDOUS IDENTIFICATION

2.1 Classification of substance or mixture

Classification according to EC Regulation (Nr 1272/2008)

None known under normal use.

2.2 Label elements

Labeling according to EC Regulation (Nr 1272/2008)

Hazard pictogram(s)

Signal word Warning

Contains: Ammonia solution <3%

Hazard Statement H315 Causes skin irritation

H319 Causes serious eye irritation

Precautionary Statement Prevention

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P264 Wash with soap and water thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Potential Health Effects: Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1	Mixtures				
	Substance	CAS-nr. EC-nr. Registrationnr.	Percen-tage %	67/548/EEC	Classification EC Regulation Nr 1272/2008
	Ammonia solution H314	1336-21-6 215-647-6	1<3	C, N; R34-50	Skin Corr. 1B, Aquatic Acute 1, H400

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For the detailed text of the R phrases and H-phrases mentioned in this section, see section 16.

Explanation of Notes.:

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT under Regulation (EC) No 1207/2006, Annex XIII
- [4] Substance meets the criteria for vPvBs under Regulation (EC) No 1207/2006, Annex XIII

SECTION 4: DESCRIPTION OF FIRST AID MEASURES

- 4.1 General**
In all cases of doubt, or when symptoms persist, seek medical attention Never give anything by mouth to an unconscious person.
- Inhalation**
Remove to fresh air, keep patient warm and at rest, if breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.
- Skin contact**
Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
- Eye contact**
Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.
- Ingestion**
If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
- 4.2** Most important symptoms and effects, both acute and delayed
No specific symptoms exist.
- 4.3** Indication of any immediate medical attention and special treatment needed
No specific treatment needed.

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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
 Appropriate breathing apparatus may be required. Closed containers exposed to fire should be cooled with water. Do not allow run-off from firefighting 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.
- 6.2 Environmental precautions**
Environmental precautionary measures
 Do not allow to enter drains or watercourses. 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**
 Not applicable

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
 Avoid spilling, skin- and eye contact. Avoid breathing dust / fume / gas / mist / vapors / spray. Avoid breathing dust.
 Protective Safety Measures
 Avoid spilling, skin and eye contact. Avoid breathing dust, particulates and spray mist during application. Avoid inhalation of dust. 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.
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
 Conditions for safe storage,
 Including any incompatibilities
 Always keep in containers of same material as the original one.
- 7.3 Specific end use(s)**
Recommendations - Do not handle until all safety precautions have been read and understood.
Specific end uses - Not applicable

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

For the following substances in the product is an exposure limit in accordance with EH40/2005 Workplace exposure limits (2011), see under heading 3 substances that are marked with 2 below note

Substance

Cas.nr.

(LLV) Level limit value

(CLV) Ceiling limit value

(STV) Short-term valu

8.2 Exposure controls

Appropriate controls

Ventilation

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

Respiratory protection must be used if air concentration exceeds acceptable level (OEL). When spraying, use half-or full face mask with filter P2 (Iib) to spray.

Gloves

For prolonged or repeated contact use gloves made of nitril. Instructions and information from the glove supplier on use, storage, maintenance and replacement must be followed.

Eye protection

At the risk of splashing, close-fitting goggles or face shield.

Skin Protection

Use anti-static clothing made of natural fibers or heat-resistant synthetic fibers.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid.	
Odor	Ammonia, slight	
Odor limit	Not determined	
pH	Not determined.	
Melting point / freezing point	Not determined.	
Initial boiling point / boiling range	Not determined.	
Evaporation rate	Not determined.	
Flammability (solid, gas)	Not determined	
Vapor pressure	Not determined	
Vapor density	Not determined.	
Partition coefficient: n- octanol/water	Not determined.	/of substance
Auto-ignition temperature	Not determined.	
Decomposition temperature	Not determined.	/of substance
Viscosity	Not determined	

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES [CONT]

9.1 Information on basic physical and chemical properties

Physical state	Liquid.		
Odor	Ammonia, slight		
Odor limit	Not determined		
pH	Not determined.		
Melting point / freezing point	Not determined.		
Initial boiling point / boiling range	Not determined.		
Evaporation rate	Not determined.		
Flammability (solid, gas)	Not determined		
Vapor pressure	Not determined		
Vapor density	Not determined.		
Partition coefficient: n- octanol/water	Not determined.	/of substance	
Auto-ignition temperature	Not determined.		
Decomposition temperature	Not determined.	/of substance	
Viscosity	Not determined		
Explosive properties	Not determined	/of substance	
Oxidizing properties	Not determined		
Solubility(ies) (g/100g H ₂ O, 20°C)	100%	/of substance	
Relative density (g/ml)	1	Temperature (°C):	23
Flash point (°C)	>105	Method:	
ASTM 6450			
Flammability or explosive limits, lower (%)	Not determined.		
Flammability or explosive limits, upper (%)	Not determined.		

9.2 Other information

VOC content (initial boiling point less than or equal to 250°C) g/l 0

SECTION 10: STABILITY AND REACTIVITY

10.1 Chemical stability

Stability

Stable under recommended storage and handling conditions (see section 7).

10.2 Possibility of hazardous reactions

Not dangerous if handled according to Technical Information.

10.3 Conditions to avoid

Not applicable.

10.4 Incompatible Materials

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.5 Hazardous decomposition products

When exposed to high temperature may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

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SECTION 10: TOXICOLOGICAL

11.1 Information on toxicological effects

Toxicological data for substances\ Potential acute effects

Acute toxicity.

Preparation is not classified as hazardous.

Skin corrosion/irritation.

Ammonia

Causes skin irritation. Causes severe skin burns and eye damage.

Serious eye damage/irritation.

Ammonia

Causes serious eye irritation. Causes severe eye damage.

Respiratory or skin sensitization.

Repeated or prolonged contact may degrease the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

Germ cell mutagenicity.

Not considered to be mutagenic.

Reproductive toxicity.

No information available.

STOT-single exposure.

No information available.

STOT-repeated exposure.

No information available.

Aspiration hazard.

When spray painting see section 8.

Health hazards, general

There is no data available on the product itself. The preparation has been assessed and classified according to EU regulations.

Inhalation

Using product in a spray form creates a health hazard of inhalation. Spray mist is to be avoided.

Ingestion

Ingestion may cause nausea and vomiting.

Skin contact

No information available.

Eye Contact

Can be irritating and may cause redness and pain.

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.

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SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Toxicity**
There is no data available on the product itself.
- Aquatic, comments**
Ammonia is very toxic to aquatic life.
- 12.2 Persistence and degradability**
No information available
- 12.3 Bioaccumulation evaluation**
No information available
- 12.4 Mobility in soil**
Mobility No information available
- 12.5 PBT assessment results**
Not classified as PBT / vPvB of current EU criteria.
- 12.6 Other adverse effects / Remarks**
No information available

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods**
Specify the appropriate methods of disposal Do not allow into drains or water courses. Wastes and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.
The waste is classified nonhazardous with EWC code 08 01 12.
Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply
Instructions for emptying steel drums
Drums to be deposited for recycling must be drained carefully.
Evacuation must be effected at a temperature > 15 ° C. Cap- and slit drum emptied by turning them upside-down. Drum should be slightly inclined (about 10 degrees) with a slit (opening) in the lowest position. Let the last residue of the product to flow out until the drum is drip free.
High viscosity products may require scraping. The scraping must take into account other information in this SDS.

SECTION 14: TRANSPORT INFORMATION

- 14.1 General**
Transport in accordance with national law and ADR FOR ROAD, Rid for rail, IMDG for sea, and ICAO / IATA for air. For complete information on transport, see transport document.
- 14.2** Transport hazard class(es)
- 14.3 Environmental hazards**
Marine Pollutant: No
IMDG Marine pollutant No
- 14.4** Special precautions for user
- 14.5** 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 The labeling of the product according to EC directives 67/548/EEC, 1999/45/EC, see section 2.
 Classification and labeling of substances under Directive 67/548/EC, 1999/45/EC, see section 3.
 Classification and labeling of substances according to Regulation (EC) 1272/2008 (CLP) is in section 3.
 Safety is designed according to EU Commission Regulation No. 1907/2006.

15.2 Chemical safety assessment

Performed: No

SECTION 16: OTHER INFORMATION

Full text of H- and R-phrases appearing in section 3:

C Corrosive
 N Dangerous for the environment
 R34 Causes burns.
 R50 Very toxic to aquatic organisms.
 H314 Causes severe skin burns and eye damage.
 H400 Very toxic to aquatic life.

Version 1

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.