



Safety Data Sheet
Surface Guardian Refresh

SECTION 1: Identification of the substance/mixture and company identification

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

Date Issued: 7/15/2016

1. Identification of the substance/preparation and of the company/undertaking

1.1. 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: Hazards identification

2.1. Classification of substance or mixture

Classification according to EC Regulation (Nr 1272/2008)

None known under normal use.

Classification according to EC directives (67/548/EEC, 1999/45/EC)



Warning

H315 Causes skin irritation

H319 Causes serious eye irritation

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.

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.

Storage/Disposal:

P501 Dispose of contents/container to an authorized consignee of hazardous waste.

Label elements

Labelling according to EC directives (67/548/EEC, 1999/45/EC)

Hazard pictogram(s) --

Signal word --

Risk phrases --

Safety phrases --

2.3. Other hazards

When spray applying see section 8.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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

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: First Aid Measures

4.1. Description of first aid measures

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.

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

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

Protective Safety Measures

Precautions for safe handling: 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.
Comply with the health and safety at work laws.
Store in accordance with applicable regulations for good chemical practice. Please note the instructions on the label. Store between 5 and 20 ° C in a dry and well ventilated place away from heat and direct sunlight.
Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.
No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s)

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

Specific end uses : Not applicable

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.	Level limit value(LLV)	Ceiling limit value(CLV)	Short-term value(STV)	Note*
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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		
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
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity: Not reactive.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: Not dangerous if handled according to Technical Information.

10.4. Conditions to avoid

Conditions to avoid: Not applicable.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

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: Toxicological information

11.1. Information on toxicological effects Toxicological data for substances\ Potential acute effects

Acute toxicity: Preparation is not classified as hazardous.

Skin corrosion/irritation: Causes skin irritation. Causes severe skin burns and eye damage.

Serious eye damage/irritation: Causes skin irritation. Causes severe skin burns and eye damage.

Ammonia: Causes serious eye irritation. Causes severe eye damage.

Respiratory or skin sensitization: Repeated or prolonged contact may decrease 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.

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

Persistence and degradability: No information available

12.3. Bio accumulative potential

Bioaccumulation evaluation: No information available

12.4. Mobility in soil

Mobility: No information available

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

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

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.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Marine Pollutant: No
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

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

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.