

SAFETY DATA SHEET

VINYL | MAINTENANCE | SURFACE GUARDIAN - PROTECT C1 | ABC

Hallmark Floors Surface Guardian Protect C1

C1 Surface Guardian Protect (1st of 2 components that make "Protect C").

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

- 1.1 Product Name:**
C1 Surface Guardian Protect (1st of 2 components that make "Protect C").
- 1.2** Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/preparation
Step Three/C of recoat process for Hallmark Luxury Vinyl Tile. Ceramic two- component waterborne finish with ceramic fortification.
- 1.3 Details of the supplier of the safety data sheet**
Company Information:
Hallmark Floors Inc.
2360 S. Archibald Ave
Ontario CA 91761
Phone 888 551-0888

SECTION 2: HAZARDOUS INGREDIENTS

Label Elements	Contents	Identification	Classification	Exposure Limits
Hazardous Ingredients(Specific)				
Butyl diglycol	2.5-5 % CAS no.: (weight)	Xi; R36 112-34-5	Eye Irrit. 2; H319	8-hour TWA: 67,5 mg/m ³ 8-hour TWA: 10 ppm 15 min.: 15 ppm 15 min.: 101,2 mg/m ³

SECTION 3: HAZARDS IDENTIFICATION

- 2.1 Primary Routes of Entry: Ingestion and Dermal**
Emergency Overview:
Caution: Contains small amounts of Butyl Diglycol. Do not breathe vapors or spray mist. Use with adequate ventilation. Wear an appropriate, properly fitted respirator (NIOSH, OSHA approved) in areas where proper ventilation is compromised (TLV exceeded).
Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container closed when not in use. Do not store below 32°F(0°C) or above 100°F(37.7°C).
- KEEP OUT OF REACH OF CHILDREN.**
- Before using read all directions and safety data sheet for Surface Guardian Protect C1 and C2 Hardener.
Regulatory Data:
Section 313 supplier notification:
This product contains the following chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40CFR 372: None.
This product contains the following chemical(s) which are known to the state of California to cause birth defects or other reproductive harm: None.
Potential Health Effects:
Exposure to component solvent vapor concentrations in excess of the stated occupational

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SECTION 3: HAZARDS IDENTIFICATION [cont]

- 3.1** exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.
- 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 and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.
- Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. If splashed in the eyes, the liquid may cause irritation and reversible damage.
- Toxicity Info:**
- No ingredients in this product are listed by OSHA, NTP, IARC or California Prop 65 as a mutagen, teratogen, or carcinogen, or as having toxic effects on reproduction. Toxicology info is listed in section 10. Safe handling procedures are listed in section 6.

SECTION 4: FIRST AID MEASURES

- 4.1 Skin Contact**
Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.
- Eye Contact**
Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes, keeping eyelids open.
- Inhalation**
Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel
- Ingestion**
If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting.

SECTION 5: FIRE FIGHTING MEASURES

- 5.1 Flammable**
No
- Conditions to avoid?**
High temperatures, oxidizing agents, strong alkalis, strong acids
- Means of Extinction**
Recommended: Alcohol-resistant foam, CO₂, powders, water spray/mist. Do not use water jet.
- Flashpoint**
(° C) and Method Closed cup: 105°C (221°F) [ASTM 6450]
- Upper Flammable Limit (% by volume)** Upper : 9.4%-v/v
- Lower Flammable Limit (% by volume)** Lower : 0.8%-v/v
- Unusual Fire Explosion Hazards:**
Closed containers may explode (due to the buildup of steam pressure) when exposed to extreme heat
- Explosion Data – Sensitivity to Impact** Not sensitive to impacts
- Hazardous Combustion Products**
Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.
- Special Firefighting Procedures:**
Water may be used to cool containers to prevent pressure build-up. In emergency conditions or IDLH (Immediately Dangerous to Life or Health) atmospheres, use a NIOSH-approved, positive pressure, self-contained breathing apparatus or full face piece airline respirator.

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SECTION 6: SAFE HANDLING/USE INFORMATION and EXPOSURE CONTROL

6.1 Safe Handling and Use Information

RESPIRATORY PROTECTION

PRODUCT NOT INTENDED FOR SPRAY APPLICATIONS.

In areas where OSHA-PEL is exceeded, use a NIOSH- approved, properly fitted, air-purifying respirator with organic vapor cartridges.

ENTILATION

Use with adequate general and/or local ventilation to maintain exposure level below the OSHA-PEL.

PROTECTIVE GLOVES

Wear chemical-resistant gloves such as nitrile rubber.

EYE PROTECTION

Use chemical splash goggles or OSHA-approved safety glasses. Have an eyewash station available.

OTHER PROTECTIVE EQUIPMENT

Wear impervious clothing to avoid repeated or prolonged skin exposure.

ADDITIONAL PRACTICES

Wash hands thoroughly after using product, before eating or using rest rooms.

Additional Handling and Storage Information Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapors in air and avoid vapor concentrations higher than the occupational exposure limits. In addition, the product should only be used in areas from which all open flames and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Keep container tightly closed. Keep away from heat, sparks and flame. No sparking tools should be used. Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Avoid inhalation of dust from sanding.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Put on appropriate personal protective equipment. Never use pressure to empty. Container is not a pressure vessel. Always keep in containers made from the same material as the original one. Comply with the health and safety at work laws.

SECTION 7: SPILL OR LEAK PROCEDURE & SHIPPING INFO

7.1 IN CASE MATERIAL IS RELEASED OR SPILLED

Ventilate area. Remove with inert absorbent.

WASTE DISPOSAL

Dispose of contaminated absorbent, container and unused contents in accordance with local, state/provincial and federal regulations.

SHIPPING INFORMATION

Not regulated as a DOT hazardous material

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

8.1	Physical State	Liquid
	Dry content (%)	32
	Flash Point	Closed cup: 105°C (221°F) [ASTM 6450]
	Density	1 g/cm ³
	VOC Content	210 (g/L)
	Solubility in Water	Miscible
	Product Characteristics	Opaque, milky liquid with slight organic solvent odor.

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SECTION 9: REACTIVITY DATA

9.1 STABILITY

Stable

REACTIVITY WITH WATER

Not reactive with Water

HAZARDOUS DECOMPOSITION PRODUCTS

May include carbon monoxide, carbon dioxide, smoke and nitrogen oxides.

HAZARDOUS POLYMERIZATION

Only when exposed to extreme high temperatures

INCOMPATIBILITY

Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkali, strong acids

SECTION 10: TOXICOLOGY DATA

- 10.1** 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 and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. If splashed in the eyes, the liquid may cause irritation and reversible damage.