

Material Safety Data Sheet

Revision Issued: 8/24/2010 Supercedes: 4/16/2010 First Issued: 8/12/1998

Section I - Chemical Product And Company Identification

Product Name: Desert Brand CMFPS-Deep Base

CAS Number: N/A

HBCC MSDS No. CD04521



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DesertBrand.com

Flooring and Sealer Products
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Section II - Composition/Information On Ingredients

Chemical Name	CAS Number
Titanium Dioxide	13463-67-7
Crystalline Silica	14808-60-7
Propylene Glycol	57-55-6
Formaldehyde <1%	50-00-0
Ammonium Hydroxide	1336-21-6

See Section VIII for exposure guidelines

Section III - Hazard Identification

Routes of Exposure: Dermal; Ingestion; Inhalation

Summary of Acute Health Hazards

Ingestion: N/A

Inhalation: N/A

Skin: May cause irritation to the skin.

Eyes: May cause irritation to the eyes.

Summary of Chronic Health Hazards: None

Signs and Symptoms of Exposure: N/A

Effects of Overexposure: N/A

Medical Conditions Generally Aggravated by Exposure: N/A

Note to Physicians: N/A

Section IV - First Aid Measures

Ingestion: Do not induce vomiting. Consult physician immediately.

Inhalation: N/A

Skin: Wash affected areas with soap and water. Consult physician if irritation persists.

Eyes: Flush immediately with large amount of water for 15 minutes. Take to physician for medical treatment.

Section V - Fire Fighting Measures

Flash Point: None

Autoignition Temperature: None

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Unusual Fire and Explosion Hazards: Closed containers may explode due to a build up of steam pressure when exposed to extreme heat. Polymers film can burn.

Extinguishing Media: N/A

Special Firefighting Procedures: N/A

Section VI - Accidental Release Measures

Use absorbent material such as sand to pick up excess, wash area with soap and water.

Section VII - Handling and Storage

Store containers between 37°F and 100°F. Never exceed 140°F or below 32°F.

Section VIII - Exposure Controls/Personal Protection

Exposure Controls

Engineering Controls: Standard ventilation

Work/Hygienic Practices: Avoid contact with skin and avoid breathing vapors. Do not eat, drink, or smoke in work area. Wash hands before eating, drinking, or using restroom. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible.

Exposure Guideline(s):

Titanium Dioxide: CAS Number 13463-67-7, Exposure Limits (TWAs) in Air: ACGIH TLV: 10 mg/m³; OSHA PEL: 15 mg/m³, 1.5 mg/m³; STEL: N/A

Crystalline Silica: CAS Number 14808-60-7, Exposure Limits (TWAs) in Air: ACGIH TLV: 0.1 mg/m³ (respirable dust); OSHA PEL: 0.1 mg/m³ (respirable dust); STEL:

N/A **Propylene Glycol:** CAS Number 57-55-6, Exposure Limits (TWAs) in Air: ACGIH TLV: N/A; OSHA PEL: N/A; STEL: N/A

Formaldehyde <1%: CAS Number 50-00-0, Exposure Limits (TWAs) in Air: ACGIH TLV: 1.5 mg/m³; OSHA PEL: 1.5 mg/m³; STEL: 3 mg/m³

Ammonium Hydroxide: CAS Number 1336-21-6, Exposure Limits (TWAs) in Air: ACGIH TLV: 35 mg/m³; OSHA PEL: 35 mg/m³; STEL: N/A

Personal Protection

Personal Protection Equipment (PPE): Wear (MSHA/NIOSH) approved type respirator.

Protective Clothing: Full length clothing to avoid prolonged and repeated contact is recommended.

Eye Protection: Safety glasses (ANS12871 or equivalent).

Section IX - Physical and Chemical Properties

Physical State: Liquid

pH: 8.5

Melting Point/Range: N/A

Boiling Point/Range: 212°F

Appearance/Color/Odor: White and various colors, neutral to slight resin odor.

Solubility in Water: Miscible

Vapor Pressure (mmHg): N/A

Specific Gravity (Water=1): 1.20

Molecular Weight: N/A

Vapor Density (Air=1): N/A

% Volatiles: 46-52

How to detect this compound : N/A

Section X - Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: Excessive Heat **Materials to Avoid:** Oxides of Carbon

Hazardous Decomposition Products: N/A

Section XI - Toxicological Information

N/A

Section XII - Ecological Information

N/A

Section XIII - Disposal Considerations

Dispose of in accordance with Federal, State, and local regulations: incinerate liquid; Landfill contaminated diking material.

Section XIV - Transport Information

DOT Proper Shipping Name: N/A

DOT Hazard Class/ I.D. No.: Non-Regulated

Section XV - Regulatory Information

WARNING

This product contains the following substances known to the state of California to cause cancer: Ethylene Oxide, Formaldehyde, Crystalline Silica

The Hazard Communication Standard, 29 CFR 1910.1200, has established Titanium Dioxide is a potential carcinogen to rats. The information is based on NIOSH's interpretation of a study done by Lee, Trochimowicz, Reinhardt [1985], "Pulmonary Response of Rats Exposed to Titanium Dioxide (TiO₂) by Inhalation for Two Years." The authors of this study concluded that based on the excessive dust loading and overwhelmed clearance mechanism in the lungs of rats exposed chronically at 250 mg/m³ (6 hrs/day, 5 days/week for 2 years), the biological relevance of lung tumors to man appears to be negligible.

Reportable Quantity: N/A

NFPA Rating: Health - 1; Flammability - 0; Instability - 0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Carcinogenicity Lists: None **NTP:** No **IARC Monograph:** No **OSHA Regulated:** No

Section 313 Supplier Notification: This product contains the following toxic chemical(s) subject to the reporting requirements of SARA TITLE III Section 313 of the Emergency Planning and Community Right-To Know Act of 1986 and of 40 CFR 372:

<u>CAS #</u>	<u>Chemical Name</u>	<u>% By Weight</u>
50-00-0	Formaldehyde	< 1

Section XVI - Other Information

Synonyms/Common Names: Latex Paint

Chemical Family/Type: N/A

Section changed since last revision: XIV

IMPORTANT! Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the

product to be sure that they are aware of the information before use or other exposure. This MSDS has been prepared according to the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The MSDS information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, **Hill Brothers Chemical Company** makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Also, additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks prior to use, and then to exercise appropriate precautions for protection of employees and others.