

Material Safety Data Sheet

Revision Issued: 7/20/2009 Supercedes: 11/14/2006 First Issued: 11/14/2006

Section I - Chemical Product And Company Identification

Product Name: Desert Brand Lacquer Sealer (100 VOC)

CAS Number: N/A

HBCC MSDS No. CD05410



HILL BROTHERS *Chemical Co.*

1675 NORTHMAIN STREET • ORANGE, CALIFORNIA 92867-3499
(714) 998-8800 • FAX: (714) 998-6310
<http://hillbrothers.com>

1675 No. Main Street, Orange, California 92867
Telephone No: 714-998-8800
Chemtrec: 800-424-9300



DesertBrand.com

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Section II - Composition/Information On Ingredients

Chemical Name	CAS Number	Exposure Limits (TWAs) in Air		
		ACGIH TLV	OSHA PEL	STEL
Methyl/Butyl Methacrylate Copolymer	23262-63-7	100 ppm	200 ppm	N/E
C-11 Ketone	71808-49-6	N/E	N/E	N/E
p-Chlorobenzotrifluoride	98-56-6	N/E	N/E	N/E
Phthalic Acid, Dibutyl Ester	84-74-2	N/E	N/E	N/E
Glycol Ether DPM	34590-94-8	100ppm	100ppm Skin	150ppm Skin

Section III - Hazard Identification

Ingestion: Liquid ingestion may result in vomiting or abdominal pain.

Inhalation: High vapor/aerosol concentrations may cause dizziness, anesthesia, drowsiness, and other central nervous system effects. Negligible hazard at ambient temperature (-18 to 38°C; 0 to 100°F) and normal ventilation.

Skin: Prolonged and repeated liquid contact can cause defatting and drying of the skin which may result in skin irritation and dermatitis.

Eyes: May cause irritation of the eye.

Summary of Chronic Health Hazards: N/A

Signs and Symptoms of Exposure: Prolonged or repeated skin contact with this product tends to remove oils possibly leading to irritation and dermatitis; however, based on human experience and available toxicological data, this product is judged to be neither a "corrosive" nor an "irritant" by OSHA criteria when normal ventilation procedures are performed.

Effects of Overexposure: High vapor concentrations (greater than approximately

1000 ppm) are irritating to the eyes and the respiratory tract, may cause dizziness, are anesthetic, and may have other central nervous system effects.

Medical Conditions Generally Aggravated by Exposure: Skin contact may aggravate an existing dermatitis.

Section IV – First Aid Measures

Ingestion: If ingested, DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. GET MEDICAL ATTENTION IMMEDIATELY.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. GET MEDICAL ATTENTION IMMEDIATELY.

Skin: Wash with soap and copious amounts of water. Remove contaminated clothing and shoes; do not reuse until cleaned. If persistent irritation occurs, GET MEDICAL ATTENTION IMMEDIATELY.

Eyes: If splashed into eyes, flush with water for 15 minutes while holding eyelids open.

Section V – Fire Fighting Measures

Flash Point: -18°C; 0°F CC
465°C, 869°F

Auto Ignition Temperature:

Lower Explosive Limit: 1.9% by volume **Upper Explosive Limit:** 12.8%

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may accumulate in low areas inadequately ventilated. Vapors may also travel along the ground to be ignited at locations distant from the handling site; flashback of flame to the handling site may occur. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. When exposed to extreme temperature, closed containers may explode.

Extinguishing Media: Use water fog, foam, dry chemical or CO₂. Do not use a direct stream of water. Product will float and can be reignited on surface of water.

Special Firefighting Procedures: Evacuate hazard area of unprotected personnel. Wear proper protective clothing including a NIOSH approved self-contained breathing apparatus. Cool fire-exposed containers with water. In the case of large fires, also cool surrounding equipment and structures with water. If a leak or spill has not ignited, use water spray to disperse the vapors.

Section VI - Accidental Release Measures

Shut off and eliminate all ignition sources. Keep people away. Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent such as sand, earth or other suitable absorbent to spill area. Do not use combustible materials such as sawdust. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas.

Section VII - Handling and Storage

Caution: Flammable! Keep away from heat, sparks and open flames. Keep containers tightly closed. Store away from strong oxidizing agents in a cool, dry place. If pouring or transferring materials, containers must be grounded.

Respiratory Protection: Use either an atmosphere-supplying respirator or an air-purifying respirator in confined or enclosed spaces for organic vapors, if needed.

Ventilation: Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. Use explosion-proof equipment.

Protective Clothing: Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

Eye Protection: Use splash goggles or face shield when eye contact may occur.

Other Protective Clothing or Equipment: Use solvent resistant gloves and chemical type goggles.

Work/Hygienic Practices: Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean and dry them before reuse. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and plenty of water. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible.

Section IX - Physical and Chemical Properties

Physical State: Liquid

pH: N/A

Melting Point/Range: N/A

Boiling Point/Range: 275-392°F

Appearance/Color/Odor: Colorless, sweet ketone odor

Solubility in Water: Insoluble in water

Vapor Pressure(mmHg): N/A

Specific Gravity(Water=1): 0.89-0.9

Molecular Weight: N/A

Vapor Density(Air=1): 3.7-4.0

% Volatiles by Volume: 81.3-82.3

How to detect this compound : N/A

% VOC: <100 g/L or 0.83 #/Gallon

Section X - Stability and Reactivity

Stability: Stable

Hazardous Polymerization: N/A

Conditions to Avoid: Avoid heat, sparks, and open flames.

Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition Products: Oxides of Carbon.

Section XI - Toxicological Information

N/A

Section XII - Ecological Information

N/A

Section XIII - Disposal Considerations

Do not dump into any sewers, on the ground or into any body of water. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. This material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section XIV - Transport Information

DOT Proper Shipping Name: Paint
DOT Hazard Class/ I.D. No.: 3, UN1263, II

Section XV - Regulatory Information

Reportable Quantity: N/A

NFPA Rating: Health - 2; Flammability - 3; Instability - 0

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

Uniform Fire Code Rating: Class IB Flammable Liquid

Carcinogenicity Lists: No **NTP:** No **IARC Monograph:** No

OSHA Regulated: Yes

Section 313 Supplier Notification: This product contains the following toxic chemicals subject to the reporting requirements of SARA TITLE III Section 313 of the emergency planning and community Right-to Know Act and of 40 CFR 372:

<u>CAS #</u>	<u>Chemical Name</u>	<u>% By Weight</u>
84-72-2	Dibutyl Phthalate	3.26

Section XVI - Other Information

Synonyms/Common Names: Lacquer Sealer 100

Chemical Family/Type: Paint

Section changed since last revision: II, VIII, IX, XIII, XV

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.