Safety Data Sheet

1. Product Identifier and Company Identification

Product name(s) : **Desert Brand Lacquer Sealer 400; 600; 600 VPL**

HBCC SDS number : CD05408

Synonym : Solvent Sealer; Lacquer Sealer 400/600/600 VPL

Product use and Restrictions : Refer to label or call

Manufacturer Contact Address :

Corporate Headquarters
Hill Brothers Chemical Company
3000 E Birch St, Suite 108
Brea, California 92821
714-998-8800
800-821-7234

Corporate Safety & Compliance
Hill Brothers Chemical Company
21639 N 12th Ave, Suite 100
Phoenix, Arizona 85027
623-535-9955 - Office
623-535-9944 - Fax

Emergency Telephone Number (Chemtrec) : 800-424-9300

Website : https://www.hillbrothers.com

2. Hazard Identification

Classification : Flammable Liquid: Category 2
Skin Corrosion/Irritation: Category 3
Serious Eye Damage/Eye Irritation: Category 2A
Carcinogenicity: Category 1
Specific Target Organ Toxicity (Single Exposure): Category 3

Signal Word : Danger

Pictogram(s) :

Hazard Statements : H225: Highly flammable liquid and vapor.
H316: Causes mild skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H350: May cause cancer.

Precautionary Statements

Response : P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).
P332+P313: If skin irritation occurs: get medical advice/attention.

P304+P340+P312: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: get medical advice/attention.
P308+P313: If exposed or concerned: get medical advice/attention.
P370+P378: In case of fire: Use foam, dry chemical, or CO_2 to extinguish.

Prevention : P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat, sparks, hot surfaces, open flames, and other ignition sources. No smoking.
P233: Keep container tightly closed.
P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof electrical, ventilating, and lighting equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.
P261: Avoid breathing fumes, mists, vapor, and spray.
P264: Wash hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves, protective clothing, eye protection, and face protection.

Storage : P403+P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.

Disposal : P501: Dispose of contents and container in accordance with local, regional, national, and international regulations.

3. Composition/Information on Ingredients

CAS Number	Ingredient Name	Weight %
67-64-1	Acetone	<40%
1330-20-7	Xylene	<55%
98-56-6	p-Chlorobenzotrifluoride	<30%
91-20-3	Napththelane	<5.0%
100-41-4	Ethylbenzene	<16%
95-63-6	Pseudocumene (1,2,4-Trimethylbenzene)	<0.5%
23262-63-7	Methyl/Butyl Methacrylate Copolymer	<35%
875-50-4	n-Methylpyrrolidone	<4%

4. First Aid Measures

Ingestion : Do not induce vomiting unless advised to do so by a physician. GET MEDICAL ATTENTION IMMEDIATELY.

Inhalation : Remove victim to fresh air and administer artificial respiration if required. GET MEDICAL ATTENTION, if needed.

Skin	:	Flush skin with plenty of water for at least 15 minutes. If rash develops, get medical attention.
Eyes	:	Immediately flush with plenty of water for at least 15 minutes. GET MEDICAL ATTENTION, if discomfort persists.
Medical Conditions	:	N/A
Signs and Symptoms of Exposure	:	Contact with skin or eyes may cause irritation. Breathing of the vapor may irritate the nose and throat. Excessive breathing of vapors at concentrations greater than 1000 ppm may cause temporary damage to liver and kidneys.
Effects of Overexposure	:	May cause anesthesia, headache, nausea, dizziness, loss of consciousness, or confusion. Prolonged overexposure may affect the central nervous system causing coma and even death.
Summary of Acute Health Hazards	:	N/A
Ingestion	:	May cause irritation of esophagus and stomach.
Inhalation	:	May cause irritation of nose and throat.
Skin	:	May cause a rash. Prolonged repeated skin contact with low viscosity materials may defat the skin resulting in irritation or dermatitis.
Eyes	:	Can cause slight irritation of the eye. Prolonged and repeated contact may be highly irritating.
Note to Physicians	:	N/A
Summary of Chronic Health	:	N/A

5. Fire Fighting Measures

Extinguishing	:	Use foam, carbon dioxide or dry chemical. Use of water may cause fire to spread due to components that float on water.
Special Exposure Hazards	:	Handle as an extremely flammable material. Vapors may form an explosive mixture with air between the upper and lower explosive limits. Vapor could also travel toward a source of ignition and flash back.
Special Protective Equipment for Firefighters	:	N/A
Fire Fighting Procedures	:	Do not enter an enclosed or confined area without a self-contained breathing apparatus (pressure-demand, MSHA/NIOSH-approved or equivalent) and full protective gear.
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

6. Accidental Release Measures

Personal Precautions : Eliminate all sources of ignition. Provide adequate ventilation.

Emergency Procedures : Eliminate all ignition sources.

Methods of Containment And Clean-Up : Flush with water to a tank or an open well-ventilated area. Absorb or remove to a container and dispose of properly in conformance with local regulations.

7. Handling and Storage

Safe Handling : CAUTION: EXTREMELY FLAMMABLE! Keep away from heat, sparks, and open flame. Keep container closed.

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.

Work/Hygienic Practices : Employees who handle this product should wash their hands thoroughly before eating, drinking, smoking, or using toilet facilities. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible.

Ventilation : Local is preferable, but mechanical is acceptable using explosion proof equipment.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits :

Chemical Name: Desert Brand Lacquer Sealer 400; 600; 600 VPL				
Exposure Limits (TWAs) in Air				
CAS Number	**Chemical**	**ACGIH TLV**	**OSHA PEL**	**STEL**
67-64-1	Acetone	200 ppm	1000 ppm	500 ppm
1330-20-7	Xylene	100 ppm	100 ppm	150 ppm
98-56-6	p-Chlorobenzotrifluoride	N/A	N/A	N/A
91-20-3	Naphthalene	10 ppm	10 ppm	15 ppm
100-41-4	Ethylbenzene	100 ppm	100 ppm	125 ppm
875-50-4	n-Methylpyrrolidone	N/A	N/A	N/A
95-63-6	Pseudocumene(1,2,4-Trimethylbenzene)	25 ppm		
23262-63-7	Methyl/Butyl Methacrylate Copolymer	50 ppm	100 ppm	100 ppm

Protective Equipment : Protective solvent resistant gloves are advisable. An eye wash and a safety shower should be available.

Eye Protection : Chemical type goggles should be worn.

Respiratory Protection : None required if adequate ventilation. If the TLV is exceeded use organic vapor mask or air-supplied mask. Only MSHA or NIOSH approved respirators should be used if concentrations are above 1000 ppm.

9. Physical and Chemical Properties

Appearance: Liquid/Clear	**Odor:** Slight hydrocarbon aroma
Odor Threshold: 100 ppm	**pH:** N/A
Melting Point/Freezing Point: N/A	**Initial Boiling Point/Range:** 135° F (57° F)
Flash Point: 0° F (-18° C) – TCC	**Evaporation Rate (BuAc=1):** 5.6
Flammability: 3-13% by volume	**Lower/Upper Explosive Limit:** 3% by volume in air/13% by volume in air
Vapor Pressure (mmHg): N/A	**Vapor Density (Air=1):** 3.7-4.0
Relative Density: 7.46-8.31 lbs./gal	**Solubility in Water:** Insoluable in water
Partition Coefficient: N/A	**Autoignition Temperature:** 869° F (465° C)
Decomposition Temperature: 572° F (300° C)	**Viscosity:** 20-300 CPS
% Volatiles: 65-75% by wt.	**Specific Gravity (Water-1):** 0.85-0.99
Molecular Weight: N/A	**VOC:** <600 g/l (5 lbs./gal); <400 g/L (3.3 lbs./gal)

10. Stability and Reactivity

Reactivity : N/A

Chemical Stability : Stable

Possibility of Hazardous Reactions or Polymerizations : Hazardous polymerizations will not occur

Conditions to Avoid : Heat or Flames

Incompatible Materials : Strong alkalies or strong oxidizers. This sealer may dissolve some plastics, rubber materials or coating.

Hazardous Decomposition Products : From thermal decomposition, carbon monoxide, carbon dioxide and acrylic monomer vapors.

11. Toxicological Information

Acute and Chronic Effects Routes of Exposure : N/A

Ingestion : Yes
Inhalation : Yes
Skin : Yes
Eyes : Yes

Symptoms related to Physical, Chemical & Toxicological Characteristics : N/A

Numerical Measures of Toxicity : N/A

Chronic Toxicity : N/A

Carcinogenicity : When this product is used for its intended purpose, this material is classified as hazardous under OSHA 29 CFR 1910.1200.

Product Name: Desert Brand Lacquer Sealer 400; 600; 600 VPL					
ACGIH	**IARC**	**EPA**	**NIOSH**	**NTP**	**OSHA**
Yes	Yes	No	No	Yes	Yes

Target Organs : N/A

12. Ecological Information

Ecotoxicity : Toxic to fish and wildlife. Do not discharge into lakes, streams, or ponds

Persistence and Degradability : N/A

Bioaccumulative Potential :

Product/Ingredient	Log $_{Pow}$	BCF	Potential
-	-	-	-

Mobility in Soil : N/A

13. Disposal Considerations

Disposal of Container : Dispose of in accordance with applicable local, county, state and federal regulations.

14. Transport Information

UN# : UN1263
Proper Shipping Name : Paint
Hazard Class/Division : 3
Packing Group : II
Marine Pollutant : No
Special Provisions : 367, 149, B52, IB2, T4, TP1, TP8, TP28
Emergency Response Guidebook : 2012 ERG, Guide 128, pages
Placard Advisory :

15. Regulatory Information

SARA 302 Extremely Hazardous Substances (EHS) : No chemical in this product is listed as an Extremely Hazardous Substance (EHS) under Section 302 of EPCRA.

SARA 304 Extremely Hazardous Substances (EHS) Release Notification : No chemical in this product is listed as an Extremely Hazardous Substance (EHS) which, if released to the environment in quantities at or above the substance's Reportable Quantity (RQ), would require reporting to the SERC and LEPC under Section 304 of EPCRA.

SARA 311/312 Hazards :

SARA 311/312 Hazards				
Acute	**Chronic**	**Flammability**	**Pressure**	**Reactivity**
Yes	Yes	Yes	No	No

SARA 313 Reportable : This product contains the following chemical(s) subject to annual emissions, transfers, and/or waste management reporting under the Community-Right to-Know provisions of EPCRA Section 313, also known as the Toxic Release Inventory (TRI) Report or Form R:

Acetone, CAS #67-64-1
Xylene (Mixed Isomers), CAS #1330-20-7
Naphthalene, CAS #91-20-3
Ethylbenzene, CAS#100-41-4
Pseudocumene (1,2,4-Trimethylbenzene), CAS #95-63-6
n-Methylpyrrolidone, CAS #872-50-4

CERCLA Hazardous Substances : This product contains the following CERCLA hazardous substance(s) subject to the National Response Center (NRC) reporting requirements if released to the environment in quantities greater than or equal to the substance's CERCLA Reportable Quantity (RQ).

Acetone, CAS #67-64-1 CERCLA RQ = 5,000 lb. (2268 kg.)
Xylene (Mixed Isomers), CAS #1330-20-7 CERCLA RQ = 100 lb. (45.4 kg.)
Naphthalene, CAS #91-20-3 CERCLA RQ = 100 lb. (45.4 kg.)
Ethylbenzene, CAS#100-41-4 CERCLA RQ = 1,000 lb. (453.6 kg.)

Clean Air Act (CAA) Section 112(r) Air Pollutants : No chemical in this product is listed as an air pollutant under the U.S. Clean Air Act, Section 112(r) (40 CFR 61).

California Prop 65 Chemicals : **WARNING:** This product contains the following chemical(s) listed under California Proposition 65, which are chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Ethylbenzene, CAS#100-41-4
n-Methylpyrrolidone, CAS #872-50-4
Naphthalene, CAS #91-20-3

Hazard Label Warning : This product requires the following hazard label warning:

Flammable Liquid, Class 3

TSCA (Toxic Substances Control Act) : All chemical substances in this product are listed on the U.S. TSCA Inventory List.

ACRONYMS:
CAS # – Chemical Abstract Services Registry Number
CFR – Code of Federal Regulations
CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act
EPCRA – Emergency Planning and Community Right-to-Know Act
LEPC – Local Emergency Planning Committee
SERC – State Emergency Response Commission

16. Other Information

Revision date	:	03/03/2026
Supersedes	:	08/27/2015
First Issue	:	03/27/1987
Chemical Family/Type	:	Paint
Section(s) changed since last revision	:	Section 1

IMPORTANT! Read this SDS 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 SDS has been prepared in accordance with the Globally Harmonized System of Chemical and Labeling of Chemicals (GHS) Fifth Edition and the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The SDS information is based on sources believed to be reliable. Available 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. 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 and exercise appropriate precautions for protection of employees and others prior to use.