Safety Data Sheet

1. Product Identifier and Company Identification

Product name : **Desert Brand Master Seal 400 - Clear & Pigmented**
HBCC SDS number : CD05209
Synonym : N/A
Product use and
Product use and Restrictions : Refer to label or call
Manufacturer : Corporate Headquarters
Contact Address

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 water 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, open flames, hot surfaces 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 %
28262-63-7	Poly (Methyl methacrylate/n-Butyl methacrylate) Acrylic Resin	<25%
66402-68-4	Ceramic Microspheres	<30%
98-56-6	p-Chloro-a,a,a-trifluorotoluene (para-Chlorobenzotrifluoride, PCBTF	<30%
13463-67-7	Titanium Dioxide	<20%
1330-20-7	Xylene	<15%
67-64-1	Acetone	<20%
91-20-3	Naphthalene	<3%
2530-83-8	3-Glycidyloxypropyltrimethoxysilane	<3%
100-41-4	Ethylbenzene	<5%
108-65-6	Methyl Propasol Acetate	<3%

4. 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 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 or until irritation subsides. If irritation persists, get medical attention immediately.
Medical Conditions	:	Petroleum Solvents/Petroleum Hydrocarbons - Skin contact may aggravate an existing dermatitis.
Effects of Overexposure	:	High vapor concentration (greater than approximately 1000 ppm) are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic, and may have other central nervous system effects including death.
Summary of Acute Health Hazards	:	N/A
Ingestion	:	Liquid ingestion may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities in the lungs may result in chemical pneumonitis and pulmonary edema/hemorrhage. May also result in abdominal pain, dizziness, headache, shortness of breath, leg cramps, fatigue, nausea, coma and death.
Inhalation	:	High vapor/aerosol concentrations (greater than approximately 1000 ppm) are irritating to the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death. Negligible hazard at ambient temperature (-18 to 38° C; 0 to 100° F).
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 eye damage on contact.
Note to Physicians	:	N/A
Summary of Chronic Health	:	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.

5. Fire Fighting Measures

Extinguishing	:	Use water fog, foam, dry chemical or CO_2. Do not use a direct stream of

water. Product will float and can be reignited on surface of water.

Special Exposure Hazards : Vapors are heavier than air and may travel to a source of ignition and flash back. Liquids float on water and may travel to source of ignition and spread fire.

Special Protective Equipment for Firefighters : Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

Fire Fighting Procedures : Approach fire from upwind to avoid hazardous vapors and toxic. decomposition products. Use water spray, dry chemical, foam, or carbon dioxide. Use water spray to keep fire-exposed containers cool.

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

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

Uniform Fire Code Rating : N/A

6. Accidental Release Measures

Personal Precautions : Avoid breathing vapors. Keep upwind. Do not handle broken packages without protective equipment. Wash away any material which may have contacted the body with copious amounts of water.

Emergency Procedures : Shut off and eliminate all ignition sources.

Methods of Containment And Clean-Up : Recover by pumping (use an explosion-proof or hand pump) or with a suitable absorbent such as sand, earth or other dry absorbent to spill area. Minimize breathing of 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.

7. Handling and Storage

Safe Handling : CAUTION: Flammable! Keep away from heat, sparks and open flames. Keep containers tightly closed. Do NOT weld, heat or drill on or near container; even nearly emptied containers can contain explosive vapors.

Storage : Store product away from strong oxidizing agents and in a cool, dry place with adequate ventilation.

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 any contaminated shoes and thoroughly clean and dry before reuse. Wash 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 water. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible.

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.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits : N/A

Chemical Name: Desert Brand Master Seal 400 VOC – Clear & Pigmented				
Exposure Limits (TWAs) in Air				
CAS Number	**Chemical Name**	**ACGIH TLV**	**OSHA PEL**	**STEL**
28262-63-7	Poly (Methyl methacrylate/n-Butyl methacrylate) Acrylic Resin (Total dust)	N/A	15 mg/m^3	N/A
66402-68-4	Ceramic Microspheres	N/A	N/A	N/A
13463-67-7	Titanium Dioxide (Total dust)	10 ppm	15 mg/m^3	N/A
1330-20-7	Xylene (Mixed o-, m-, p- Isomers)	100 ppm	100 ppm	150 ppm (ACGIH, NIOSH)
98-56-6	p-Chlorobenzotrifluoride	N/A	N/A	N/A
67-64-1	Acetone	250 ppm	1000 ppm	500 ppm (ACGIH)
91-20-3	Naphthalene	10 ppm	10 ppm	15 ppm (ACGIH, NIOSH)
2530-83-8	3-Glycidyloxypropyltrimethoxysilane	N/A	N/A	N/A
108-65-6	Methyl Propasol Acetate	N/A	N/A	N/A
100-41-4	Ethylbenzene	20 ppm	100 ppm	125 ppm (NIOSH)

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

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

Respiratory Protection : None required if adequate ventilation. Only MSHA or NIOSH approved respirators should be used if concentration is above 1000 ppm.

9. Physical and Chemical Properties

Appearance: Cloudy viscous liquid; colors vary	**Odor:** Sweet aromatic odor
Odor Threshold: 1 ppm	**pH:** N/A
Melting Point/Freezing Point: N/A	**Initial Boiling Point/Range:** 55.5-57.1° C (132-135° F)
Flash Point: 1° F	**Evaporation Rate (BuAc=1):** N/A
Flammability: N/A	**Lower/Upper Explosive Limit:** 1.1%/13%
Vapor Pressure (mmHg): 185	**Vapor Density (Air=1):** N/A
Relative Density: 9.4 – 11.2 lbs/gal	**Solubility in Water (g/100g):** Insoluble in water
VOC: 389-398 g/l or 3.2 lbs/gal	**Autoignition Temperature:** 465° C (870° F)
Decomposition Temperature: N/A	**Viscosity:** N/A
% Volatiles: 54.2-55.8 % by volume	**Specific Gravity (Water=1):** 1.13-1.35
Molecular Weight: N/A	---

10. Stability and Reactivity

Reactivity : N/A

Chemical Stability : Stable

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

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

Incompatible Materials : Strong oxidizing agents, concentrated nitric and sulfuric acids, and molten sulphur.

Hazardous Decomposition Products : Oxides of carbon, and acrylic monomer vapors.

11. Toxicological Information

Acute and Chronic Effects : N/A

Routes of Exposure

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 :

Product Name: Desert Brand Master Seal 400 VOC – Clear & Pigmented					
ACGIH	**IARC**	**EPA**	**NIOSH**	**NTP**	**OSHA**
Yes	Yes	Yes	Yes	Yes	Yes

TARGET ORGANS : N/A

12. Ecological Information

Ecotoxicity : N/A

Persistence and Degradability : N/A

Bioaccumulative Potential : N/A

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

Mobility in Soil : N/A

13. Disposal Considerations

Disposal of Container : Use non-leaking containers, seal tightly and label properly. Dispose of in accordance with applicable local, county, state and federal regulations.

14. Transport Information

UN# : UN1263
Proper Shipping Name : Paint Related Material
Hazard Class/Division : 3
Packing Group : II
Marine Pollutant : No
Special Provisions : 149, B58, IB2, T4, TP1, TP8, TP28
Emergency Response Guidebook : 2012 ERG, Guide 128, pages 194-195

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 Chemicals : 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:

Naphthalene, CAS #91-20-3
Ethylbenzene, CAS #100-41-4
Xylene (Mixed Isomers), CAS#1330-20-7

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. (2,268 kg.)
Naphthalene, CAS #91-20-3 CERCLA RQ = 100 lb. (45.4 kg.)
Ethylbenzene, CAS #100-41-4 CERCLA RQ= 1,000 lb. (454kg.)
Xylene (Mixed Isomers), CAS#1330-20-7 CERCLA RQ= 100 lb. (45.4 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
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	:	05/29/2015
First Issue	:	05/24/1999
Chemical Family/Type	:	Paint
Section(s) changed since last revision	:	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.