Safety Data Sheet

1. Product Identifier and Company Identification

Product name : **Desert Brand Bonder 480**
HBCC SDS number : CD05701
Synonym : Acrylic Latex Adhesive
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 : None
Signal Word : None
Pictogram(s) : None
Hazard Statements : None

Precautionary Statements

Response : None
Prevention : None
Storage : None
Disposal : None

3. Composition/Information on Ingredients

CAS Number	Ingredient Name	Weight %
Proprietary	Acrylic Copolymer Emulsion	>90%
111-76-2	Ethylene Glycol Monobutyl Ether	<6%
7732-18-5	Water	<5%

4. First Aid Measures

Ingestion : If ingested, GET MEDICAL ATTENTION IMMEDIATELY.

Inhalation : Remove victim to fresh air immediately. If coughing, difficulty in breathing, or any other respiratory symptoms develop, SEEK MEDICAL ATTENTION IMMEDIATELY.

Skin : Wash hands thoroughly with soap and water.

Eyes : Flush with large quantities of water for 15 minutes and SEEK MEDICAL ATTENTION IMMEDIATELY.

Medical Conditions : N/A

Effects of Overexposure : N/A

Summary of Acute Health Hazards : N/A

Ingestion : May cause irritation to the esophagus, stomach, and gastrointestinal tract.

Inhalation : Excessive exposure to vapors or spray mists can cause irritation of the eyes, nose and throat.

Skin : This material may cause skin irritation or rash upon prolonged or repeated contact.

Eyes : This material may be an eye irritant.

Note to Physicians : N/A

Summary of Chronic Health : N/A

5. Fire Fighting Measures

Extinguishing : Water, carbon dioxide, or dry chemical.

Special Exposure Hazards : This material may generate oxides of carbon when heated.

Special Protective Equipment for Firefighters : Firefighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus.

Fire Fighting Procedures : N/A

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

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

Uniform Fire Code Rating : N/A

6. Accidental Release Measures

Personal Precautions : N/A

Emergency Procedures : N/A

Methods of Containment And Clean-Up : Clean up with water before allowing to dry.
Sodium Chloride can be sprinkled on the spill, which may coagulate the latex and facilitate cleaning with water. Place coagulated waste in a closed container.

7. Handling and Storage

Safe Handling : Avoid prolonged or repeated inhalation of heated vapors or spray mists. Do not allow to freeze. Material will be unusable if frozen.

Storage : Store away from heat or open flame.

Work/Hygienic Practices : Wash hands thoroughly with soap and water 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 : General ventilation is recommended during normal use. Local ventilation is required during operations where this material is heated and cured to prevent carbon monoxide from entering the workplace atmosphere.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits :

Chemical Name: Desert Brand Bonder 480				
Exposure Limits (TWAs) in Air				
CAS Number	**Chemical**	**ACGIH TLV**	**OSHA PEL**	**STEL**
Proprietary	N/A	N/E	N/E	N/E
111-76-2	Ethylene Glycol Monobutyl Ether	20 ppm	50 ppm	N/A

Protective Equipment : Wear protective equipment during cleanup. Chemical-resistant nitrile, neoprene or rubber gloves required. Wear protective clothing to prevent skin contact. Eye wash station and safety shower should be available.

Eye Protection : Wear face shield or chemical goggles.

Respiratory Protection : May be required during normal use and handling. The need for respiratory protection should be evaluated if this material is sprayed or heated in poorly ventilated areas.

9. Physical and Chemical Properties

Appearance: Milky liquid	**Odor:** Slight acrylic odor
Odor Threshold: N/A	**pH:** 8 - 9
Melting Point/Freezing Point: N/A	**Initial Boiling Point/Range:** 212º F
Flash Point: N/A	**Evaporation Rate (BuAc=1):** N/A
Flammability: N/A	**Lower/Upper Explosive Limit:** N/A
Vapor Pressure (mmHg): N/A	**Vapor Density (Air=1):** N/A
Relative Density: 8.79 lbs/gal	**Solubility in Water:** Complete
VOC: <100 g/L	**Autoignition Temperature:** N/A
Decomposition Temperature: N/A	**Viscosity:** 2100-3500 cps
% Volatiles: 55%	**Specific Gravity (Water=1):** 1.04 - 1.06
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 : Keep from freezing or excessive heat.

Incompatible Materials : N/A

Hazardous Decomposition Products : Under severe thermal degradation - low molecular weight organic compounds of carbon will be formed.

11. Toxicological Information

Acute and Chronic Effects : See Section 4

Routes of Exposure

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

Symptoms related to Physical, Chemical & Toxicological Characteristics : Excessive exposure to vapors or spray mists can cause irritation of the eyes, nose and throat.

Numerical Measures of Toxicity : N/A

Chronic Toxicity : N/A

Carcinogenicity : N/A

Product Name: Desert Brand Bonder 480					
ACGIH	**IARC**	**EPA**	**NIOSH**	**NTP**	**OSHA**
No	No	No	No	No	No

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 : Care should be taken to ensure that the material or its containers are disposed of in an approved facility in accordance with current federal, state, and local regulations. For further information, contact your state or local solid waste agency of the United States Environmental Protection Agency's RCRA hotline (800-424-9346 or 202-382-3000).

14. Transport Information

This product is not regulated as a hazardous material, substance or dangerous good.

15. Regulatory Information

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

SARA 304 Extremely Hazardous Substance (EHS) : No chemical in this product is listed as an Extremely Hazardous Substance (EHS) which would require reporting under Section 304 of EPCRA if released to the environment in quantities at or above the RQ (reportable quantity).

SARA 311/312 Hazard Classifications :

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

SARA 313 Supplier Notification : No chemicals in this product are subject to the reporting requirements of Section 313 of EPCRA (40 CFR 372) and Section 6607 of the Pollution Prevention Act.

CERCLA Hazardous Substance : No chemical in this product is listed as a CERCLA hazardous substance subject to release reporting requirements to the National Response Center (NRC).

Clean Air Act (CAA) : No chemicals in this product are listed as an air pollutant under the US Clean Air Act, Section 12 (40 CFR 61)

California Prop 65 : This product does not contain any chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

Label Warning : None

16. Other Information

Revision date : 02/06/2026
Supersedes : 05/17/2015
First Issue : 09/06/1991

Chemical Family/Type : Acrylic Copolymer Emulsion

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.