

# Safety Data Sheet

## B-20 Concentrate Bonder

Complies with OSHA Hazard Communication  
Standard 29 CFR 1910.1200



[www.specco.com](http://www.specco.com)

### SECTION 1. Identification

#### 1.1 Product Identifier:

**Product Name:** B-20 Concentrate Bonder

**Product Code:** Formulation JB-283

#### 1.2 Uses of the product:

Concrete Bonding Agent- acrylic based

#### 1.3 Details of the product manufacturer:

**Supplied By:** Specco Industries Inc.  
601 N. 5<sup>th</sup> Ave.  
Kankakee, Illinois 60901  
(630)-257-5060  
e-Mail: [Info@specco.com](mailto:Info@specco.com)

#### 1.4 Emergency Telephone Number:

**24 Hour Emergency:**  
**INFOTRAC: 1-800-535-5053**

**Outside U.S. and Canada**  
**Infotrac: 352-323-3500**

**Note:** INFOTRAC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals

### SECTION 2. Hazard(s) Identification

**2.1\*\*\* EMERGENCY OVERVIEW\*\*** \* OSHA Hazards: May cause skin irritation. May cause an allergic skin reaction. May be harmful if swallowed

#### 2.2 Classification of the substance or mixture:

##### GHS-US Classification

Eye damage/irritation-category 2B

Acute Toxicity, oral- category 5

Sensitization- Skin: category 1A

#### 2.3 Label elements:



#### Symbol(s) of Product GHS-US labeling:

Hazard pictograms (GHS-US):

**Signal Word:**

WARNING

#### 2.3 Label Elements:

##### GHS –US HAZARD STATEMENTS:

Aspiration hazard, category 1	H303	May be harmful if swallowed
Skin Irritation, category 2	H317	May cause an allergic skin reaction
Eye irritation-category 2B	H320	May cause eye irritation
Respiratory Irritation	H335	May cause respiratory irritation

##### GHS –US PRECAUTIONARY STATEMENTS:

###### Prevention:

P261	Avoid breathing fume/gas/mist/vapors/spray.
P264	Wash hands and skin thoroughly after handling.

P271 Use only outdoors or in a well ventilated area.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection

**Response:**

P312 If swallowed, call a POISON CENTER/doctor/physician if you feel unwell.  
 P304 + P340 + P312 If Inhaled, remove person to fresh air and keep comfortable for breathing. Call  
 A poison control center/ doctor if swallowed and 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 advise or attention.  
 P302 + P352 If On Skin: wash with plenty of soap and water.  
 P333 + P313 If skin irritation or rash occurs: get medical advice/attention.  
 P362 + P364 Take off contaminated clothing and wash it before reuse.

**Storage:**

P405 Store locked up

**Disposal:**

P501 Dispose of contents in accordance with local/regional/national regulations.

**2.4 Other hazards:**

**Hazardous decomposition products:** May cause skin irritation

## SECTION 3. Composition on Ingredients

**3.1 Substances:**

<u>Chemical name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
Water	7732-18-5	52%
Latex resin- Non hazardous	NA	48%
Proprietary*-Non hazardous	NA	<0.20%

\*Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels. Specific chemical identities will be made available to medical professionals and others as required by 29 CFR 1910.2100 (i)(iv). Refer to Section 4 for additional health hazard information.

## SECTION 4. First-Aid Measures

**4.1 Description of first aid measures:**

**FIRST AID- EYE CONTACT:** Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Remove contact lenses if worn.



**FIRST AID- SKIN CONTACT:** Immediately flush skin with plenty of water. Remove clothing. Wash clothing separately and clean shoes before reuse.



**FIRST AID- INHALATION:** Remove person to fresh air and keep comfortable breathing. Call a Poison Control center/doctor if they feel unwell. If not breathing, give artificial respiration. Consult a Physician.



**FIRST AID- INGESTION:** If swallowed, do **NOT** induce vomiting. Give victim a glass of water. Call a physician or poison control center if you fell unwell.. Never give anything by mouth to an unconscious person.

#### 4.2 Principle symptoms and health effects both acute and delayed:



**EYE CONTACT:** May cause eye irritation



**SKIN CONTACT:** Contact with skin may cause mild irritation. Prolonged or repeated contact can result in defatting skin which may result in skin irritation and dermatitis (rash). Personnel with pre-existing skin disorders should avoid contact with this product.



**INHALATION:** Vapors can cause irritation of the respiratory tract. Use respiratory protection. Unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Use adequate ventilation to keep vapor concentrations below applicable standards.



**INGESTION:** This material is not expected to be harmful if ingested

**CHRONIC SYMPTOMS:** None

#### 4.3 Indication of any immediate medical attention and special treatment needed:

No specific actions are required.

## SECTION 5. Fire-Fighting Measures

### 5.1 Extinguishing Media:

**Suitable Extinguishing Media:** Use Carbon Dioxide, Dry Chemical, Foam, Water Fog

**Unsuitable Extinguishing Media:** None Known

### 5.2 Special hazards arising from the substance or mixture:

**Fire Hazard:** None

**Explosion Hazard:** No -Product is not combustible

**Reactivity:** No hazardous combustion products or hazard reactions are known.

**5.3 Advice for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA / NIOSH approved or equivalent) and full protective gear. Evacuate all unnecessary personnel. Water spray to cool containers or protect personnel.

## SECTION 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment, and emergency procedures

**General:** Wear personal protection equipment (see Section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Avoid inhaling mists and vapors. If material is released indicate risk of slipping.

**Protective Equipment:** Wear protective clothing as appropriate for the work environment, including gloves, and eye/face protection. Use respiratory protection as recommended in Section 8-Exposure controls/personal protection.

**Emergency Procedure:** Collect spilled materials for disposal.

#### 6.2 Environmental precautions:

**Containment:** Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material. Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Spills of materials which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number (800) 424-8802.

#### 6.3 Methods and material for containment and cleaning up:

Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth, dry sand, or earth, place in a chemical waste container, and dispose of according to local/state/federal regulations. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spilled area. Stay upwind of spill. Clean any slippery coating that remains using a detergent/soap solution or another biodegradable cleaner. Exhaust vapors.

#### 6.4 Reference to other Sections:

Refer to Sections 8 and 13 for additional information.

## SECTION 7. Handling and Storage

#### 7.1 Precautions for safe handling:

**Work Practices:** Use only in well ventilated places. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing.

**Hygiene Practices:** Do not eat, drink, or smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.



#### 7.2 Conditions for safe storage, including any incompatibilities:

Store containers in a cool, well ventilated place. Keep container closed when not in use. Protect from direct sunlight.

**Static Discharge:** Not applicable

#### 7.3 Specific end use(s):

**Intended Use(s):** Concrete bonding agent-acrylic based

**Prohibited use(s):** None listed

## SECTION 8. Exposure Controls/Personal Protection

#### 8.1 Control Parameters:

**Ingredients with Occupational Exposure Limit:**

<u>Chemical Name</u>	<u>ACGIH-TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
None				

None

#### 8.2 Exposure controls:

**8.2.1 Engineering controls:**

Minimize the release of fumes or vapors. Use process controls, local exhaust ventilation, or other engineering controls to maintain airborne levels below the limits shown in Section 8.1 above. See also ACGIH Industrial Ventilation-Recommended Practice (latest edition).

**8.2.2 Personal protective equipment (PPE):**

**RESPIRATORY PROTECTION:** NIOSH/MHSA approved respirators are necessary if airborne concentrations are expected to exceed exposure limits.



**SKIN PROTECTION:** Wear impervious, impermeable gloves such as butyl rubber based to prevent contact with the skin. Wear protective gear as needed such as apron, long sleeved shirts to minimize contact. Wash hands with soap and water after use.



**EYE PROTECTION:** Wear safety glasses with side shields (or goggles) and a face shield



**OTHER PROTECTIVE EQUIPMENT:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.



**HYGIENIC PRACTICES:** Do not eat or drink in areas where the material is used. Avoid breathing vapors.. Remove contaminated clothing and wash before re-use. Wash thoroughly after handling. Wash hands before eating.

## SECTION 9. Physical and Chemical Properties

**9.1 Information on basic physical and chemical properties:**

<b>Appearance:</b>	White milky liquid	<b>Physical State:</b>	Liquid-dries to a clear film
<b>Odor:</b>	Mild- sweet	<b>Odor Threshold:</b>	N.D..
<b>Spec. Grav. g/cm3:</b>	1.037	<b>pH:</b>	Approx. 8.5 +/-1.0
<b>Freeze Point, °F:</b>	32 deg F	<b>Viscosity:</b>	Approx. 200-250 cps
<b>Solubility in Water:</b>	Dilutable	<b>Density:</b>	8.65 lb. / gal
<b>Boiling Range, F:</b>	100 deg C/212 deg F	<b>Flash Point, °F:</b>	Not flammable
<b>Evaporation Rate:</b>	N.A.	<b>Auto Ignition Temp, °F:</b>	N.A.
<b>V.O.C.:</b>	0.52 lb. /gal = 63 g/L	<b>Vapor Pressure:</b>	N.A

**9.2 Note:** See "Other Information" Section (16) for abbreviation legend

## SECTION 10. Stability and Reactivity

**10.1 Reactivity:**

None

**10.2 Chemical stability:**

Stable under normal temperature and pressure

**10.3 Possibility of hazardous reactions:**

Hazardous reactions or polymerization will **not** occur.

**10.4 Conditions to avoid:**

None known

**10.5 Incompatible materials:**

None Known

**10.6 Hazardous decomposition products:**

Carbon Oxides

## SECTION 11. Toxicological Information



**11.1 Information on Toxicological Effects:** Toxicological testing has **not** been conducted with this material.

**11.1.1 Acute toxicity:** None

**11.1.2 Skin corrosion/irritation:** Possibly

**11.1.3 Serious eye damage/eye irritation:** Depending on concentration or residual monomers (typically less than 0.1%, vapors can collect above the liquid in closed containers. These vapors may result in upper respiratory tract irritation.

**11.1.4 Respiratory or skin sensitization:** None

**11.1.5 Germ cell mutagenicity:** None

**11.1.6 Carcinogenicity:** No components of this product are present at levels greater than or equal to 0.1% are identified as carcinogens or possible carcinogens.

**11.1.7 Reproductive toxicity:** None

**11.1.8 Specific target organ toxicity (single exposure):** None

**11.1.9 Specific target organ toxicity (repeated exposure):** None

**11.1.10 Aspiration hazard:** None

Assessment: For this endpoint, **no** toxicological test data is available for this product.

**11.1.11:** NA

## SECTION 12. Ecological Information

**12.1 Toxicity**

**Eco toxicity:** No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

Not known to bio-accumulate.

**12.4 Mobility in Soil**

No data available

**12.5 Other adverse effects**

No other specific adverse effects known.

## SECTION 13. Disposal Considerations



### 13.1 RCRA Waste Classification

Not known

### 13.2 Product disposal

Recommended to dispose of according to regulations in a special waste incinerator. Always dispose of any waste in accordance with all local, state, and federal regulations.

### 13.3 Packaging disposal

Completely discharge containers (no tear drops, no residual contents ). Containers may be recycled or be reused. Observe local/state/federal regulations.

## SECTION 14. Transport Information

### 14.1 UN Number:

Not regulated

### 14.2 UN Proper Shipping Name / IMDG/IATA:

Not applicable

### 14.3 Transport hazards class:

Not applicable

### 14.4 Packing Group:

Not applicable

### 14.5 Environmental hazards:

Not relevant

### 14.6 Special precautions for user:

No special precautions

## SECTION 15. Regulatory Information

### 15.1 U.S. Federal Regulations:

#### TSCA No:

This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory. This material does not contain any TSCA 12(b) regulated chemicals.

**SARA SECTION 311/312 (Hazard Class)** Acute health hazard

#### SARA SECTION 313 (Chemicals)

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and reauthorization Act of 1986 and 40CFR part 372:

CAS #	Chemical:	Upper limit wt %
None		

**RCRA:**

No components are listed under the Resource Conservation and Recovery Act, or its regulations,, 40CFR S261 et. Seq.

**CERCLA:**

Components of this product have been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and reauthorization Act of 1986 (SARA Title III) and is considered , under applicable definitions, to meet the following categories:  
None

**EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT:**

None listed

**CLEAN AIR ACT:**

This product does not contain any Class I or Class II ozone depleting substances.

**FDA:**

No information

**NTP:**

No information

**OSHA:**

No information

**15.2 U.S, State Regulations:****CALIFORNIA PROPOSITION 65:**

This product may contain trace amounts of chemical(s) listed by the state of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects, or other reproductive harm.  
None

**CALIFORNIA PROPOSITION 65 REPRODUCTIVETOXINS:** The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.  
No Proposition 65 Reproductive toxins exist for this product.: None

**MASSACHUSETTS TOXIC USE REDUCTION ACT:**

This material contains no listed components

**NEW JERSEY RIGHT-TO -KNOW:**

This material contains no listed components

**PENNSYLVANIA RIGHT-TO- KNOW:**

This material contains no listed components

**15.3 International regulations:****CANADIAN WHMIS:**

This product has been classified in accordance with the Hazard criteria of the CPR and the SDS contains all of the information required by the CPR

**WHMIS Class:** Class D2B (Toxic) Symbol: Stylized T

**DSL Status:** This material or one or more of its components is **not** listed on the Canadian Domestic Substances List.



**EUROPEAN UNION:**

No Information

**IARC:**

No information

**15.4 Other Regulations**

National, state, provincial or local emergency planning, community right to know or other laws, regulations or ordinances may be applicable-consult applicable national , state, provincial or local laws.

**SECTION 16. Other Information****Revision Date:** 12-11-19**Supersedes Date:** 11-26-19

**S.D.S. produced by:** Specco Regulatory Department in accordance with the requirements outlined in the Federal Register, Volume 77, NO.58, March 2012 page 17574. In this final rule, OSHA modified its Hazard Communication Standard (HCS) to conform to the United Nation's Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The modifications to the standard included but were not limited to revised criteria for classification of chemical hazards and a new specified format for Safety Data Sheets.

**Standardized American System for the identification of hazards presented by this product in view of emergency procedures (NFPA 704) -H.M.I.S. Ratings:**

<b>Health:</b>	<b>1</b>	<b>Flammability:</b>	<b>0</b>	<b>Reactivity:</b>	<b>0</b>	<b>Personal Protection:</b>	<b>C</b>
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**Regarding Volatile Organic Compounds, gram/liter: N.A. (0)**

**DISCLAIMER: THE VOLATILE ORGANIC COMPOUND (V.O.C.) CONTENT REPORTED HEREIN, IF ANY, IS BASED ON A MATERIAL V.O.C. CALCULATION. NOTE THAT SEVERAL METHODS ARE USED FOR CALCULATING V.O.C. CONTENT AND THAT STANDARDS/REQUIREMENTS REGARDING V.O.C. CONTENT VARY BY LOCATION/JURISDICTION. ACCORDINGLY, SPECCO MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESSED OR IMPLIED, REGARDING THIS MATERIAL'S COMPLIANCE WITH V.O.C. STANDARDS/REQUIREMENTS APPLICABLE IN LOCATIONS/JURISDICTIONS WHERE THIS MATERIAL MAY BE SOLD OR USED.**

**Text for GHS Hazard Statements shown in section 3 describing each ingredient:**

H303                      May be harmful if swallowed  
 H317                      May cause skin irritation

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

**GHS07**

**Legend:** \* Refer to 49 CFR for possible exceptions and exemptions. Abbreviations : TLV= Threshold Limit Value. TWA= Time Weighted Average. STEL= Short Term Exposure Limit. N.A. = Not Applicable. N.D. = Not Determined, N.E. =Not Established. IATA= International Air Transport Association. IMDG= International Maritime Dangerous Goods.

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