



## Factor II, Incorporated

The Art, Science and Technology of  
Silicones and Prosthetics...

## Safety Data Sheet

Product Code: B-200-R, B-200-ES, B-200-30

Revision Date: 10 August 2020

### SECTION 1: IDENTIFICATION

#### PRODUCT IDENTIFIER

Product Name      Daro Adhesives – Regular, Extra Strength, Hydrobond

Product Code      B-200-R, B-200-ES, B-200-30

Intended Use(s) :    For professional use only

#### CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

Factor II, Incorporated  
5642 White Mountain Ave  
PO Box 1339  
Lakeside AZ 85929  
928-537-8387  
[www.factor2.com](http://www.factor2.com)  
[sales@factor2.com](mailto:sales@factor2.com)

#### EMERGENCY TELEPHONE NUMBERS

928- 368-7502

### SECTION 2: HAZARD(S) IDENTIFICATION

**PRODUCT NAME & CLASS:**      Water based acrylic emulsion

**CHEMICAL TYPE:**                Residual monomers, acrylic polymer, ammonia and water

### SECTION 3: HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV
Acrylic polymer CAS# NONHAZ 56-58%	N/E	N/E
Residual Monomers CAS# N/R <.1%Max	N/R	N/R
Aqua Ammonia CAS# 1336-21-6 .1%	25	25 ppm
Water CAS# 7732-18-5 NONHAZ 44-42%	N/E	N/E

### SECTION 4: FIRST-AID MEASURES AND PRIMARY ROUTES OF ENTRY

**INHALATION,                EYE CONTACT,                SKIN CONTACT**

**EYES:**                      Flush with water for 15 minutes. Seek medical attention if irritation persists.



## Factor II, Incorporated

The Art, Science and Technology of  
Silicones and Prosthetics...

## Safety Data Sheet

Product Code: B-200-R, B-200-ES, B-200-30

Revision Date: 10 August 2020

- SKIN:** Remove liquid from skin and wash with soap and water. Prolonged or repeated contact with liquid adhesives may cause skin irritation.
- INHALATION:** Irritation of mucous membranes of the nose, throat and respiratory tract and symptoms of headache and nausea. Remove overexposed person to fresh air.
- INGESTION:** Immediately drink water to dilute. Seek medical attention.

### SECTION 5: FIRE-FIGHTING AND EXPLOSION HAZARD

**FLASH POINT:** Non Combustible

**AUTO IGNITION TEMP:** N/A

**UPPER / LOWER EXPLOSION LIMIT:** N/A

**UNUSUAL FIRE / EXPLOSION HAZARDS:**

Adhesive will not burn but may spatter if temperature is higher than boiling point of 212°F. Polymer solids can produce nitrogen and carbon gases on burning. Use extinguishing media appropriate for surrounding fire.

### SECTION 6: HANDLING AND STORAGE

*Keep from freezing: material may coagulate. Minimum and maximum storage temperature for this material is 34°F - 120°F*

Keep people not involved with cleanup away, area may be slippery. Dike and contain large spills with inert material (sand, earth etc.). Transfer liquid to containers for recovery or disposal.

**STORAGE: KEEP FROM FREEZING!!!!!!!!!!!!** Adhesive may coagulate.

**NOTE:** Monomer vapors can evolve from adhesive if it is heated. In this case, use local exhaust ventilation with a minimum velocity of 100 ft/min at the point of monomer evolution. Refer to: Industrial Ventilation.

### SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

**EYES:** Eye protection is suggested for compliance with good manufacturing practices.

**VENTILATION:** Mechanical local exhaust at point of contamination (vapor or mist) release.



## Factor II, Incorporated

The Art, Science and Technology of  
Silicones and Prosthetics...

## Safety Data Sheet

Product Code: B-200-R, B-200-ES, B-200-30

Revision Date: 10 August 2020

**OTHER PROTECTIVE EQUIPMENT:** None required.

### SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

<b>FREEZING POINT:</b>	0°C/32°F
<b>BOILING POINT:</b>	100°C/212°F
<b>SPECIFIC GRAVITY (Density):</b>	1-1.2
<b>VAPOR PRESSURE:</b>	17mmHg@20°C/68°F
<b>SOLUBILITY IN WATER (By wt):</b>	dilutable
<b>APPEARANCE/ODOR:</b>	Milky white liquid, slightly ammoniac
<b>PERCENT VOLATILES: (By wt):</b>	43% (water)
<b>pH:</b>	7.-8.5

### SECTION 9: STABILITY AND REACTIVITY

**STABILITY:** Stable

**MATERIALS/CONDITIONS TO AVOID:** Avoid temperatures above 350°F, the onset of polymer decomposition.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Thermal decomposition may yield acrylic monomers. Thermal decomposition is dependent on time and temperature.

**HAZARDOUS POLYMERIZATION:** None

### SECTION 10: TOXICOLOGICAL INFORMATION

The effects of overexposure (Section IV) are based on acute toxicity profiles for a number of acrylic emulsions, which are similar in composition to this adhesive.

Typical values are	Rat, oral LD50: >5000 mg/kg;
	Rabbit, dermal LD50: >5000 mg/kg.
	Rabbit, skin irritation: practically non-irritating.
	Rabbit, eye irritation: inconsequentially irritating.

### SECTION 11: ECOLOGICAL INFORMATION

No applicable data



## Factor II, Incorporated

The Art, Science and Technology of  
Silicones and Prosthetics...

## Safety Data Sheet

Product Code: B-200-R, B-200-ES, B-200-30

Revision Date: 10 August 2020

### SECTION 12: DISPOSAL CONSIDERATIONS

#### WASTE DISPOSAL METHOD

Coagulate emulsion with ferric chloride or sulfate and then lime to a clear end-point. Decant the clear liquid to sewer and coagulum to landfill guidelines as determined by federal, state and local agencies. Coagulum may be incinerated.

### SECTION 13: TRANSPORT AND REGULATORY INFORMATION

**US DOT Hazard Class:** Nonregulated

This product is considered non-hazardous under the **OSHA Hazard Communication Standard (29CFR1910.1200)**

This product is not a controlled product under the **Canadian WHMIS**.

**TSCA:** All components of this product are registered under the regulation of the **Toxic Substance Act**.

### SECTION 14: OTHER INFORMATION

#### Hazard ID

Health	1 - Slight
Flammability	0 - Minimal
Reactivity	0 - Minimal

#### DISCLAIMER / STATEMENT OF LIABILITY:

This is a computer-generated document that is valid without a signature.

The information above is supplied in good faith and, to the best of our knowledge, is based on available sources believed to be reliable and accurate. This document and any information provided herein are for your guidance only. The use by the requestor is beyond Factor II control; therefore, the responsibility for appropriate and safe use of the above information lies with the End user. Factor II shall not be responsible for any misuse and/or misapplication of the information in this document.