

**MATERIAL SAFETY DATA SHEET**

DATE REVISED: April, 16, 2020

VERSION: 01

**SECTION I – IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER****1.1 Name of the chemical:** Blenderbond®**1.2 Recommended uses of the Chemical and restrictions on use:**Recommended uses: Water based acrylic adhesive.Use restrictions: ND.**1.3 Manufacturer's data:** Blender Group, S.A. DE C.V., Monjaraz 132 int. 1-A, Col. Santa María del Granjeno, CP.37550, León Guanajuato.**1.4 Phone number in case of emergency:**Telephone: +52(477) 771.01.01; 01800-727.03.23 Monday to Friday from 8:00 a.m. to 6:00 p.m.  
SETIQ/ANIQ: 01800-002.14.00 Attention 24 hours a day, 365 days a year.**SECTION II - HAZARDS IDENTIFICATION****2.1 Classification of the chemical:**Classification according to the globally harmonized system:

Harmful if swallowed - Category 4

Causes eye irritation - Category 2A

Aquatic Environment Hazard - Category 3

**2.2 Elements of signage:**

Symbol:



Signal word: ATTENTION.

Hazard statements:

H302 - Harmful if swallowed.

H319 - Causes serious eye irritation.

H402 - Harmful to aquatic organisms.

Precautionary advice:

P270 - Do not eat, drink or smoke while handling this product.

P271 - Use in a well ventilated place.

P273 - Do not disperse in the environment.

P342 + P311 - In case of respiratory symptoms: Call a poison control center or doctor.

P305 + P351 + P338 - In case of contact with the eyes: Rinse carefully with water for several minutes. Remove contact lenses when present to make washing easier.

P501 - Dispose of Container / Content: Recycle or incinerate waste in EPA-approved facilities or dispose of in accordance with federal, state and local regulations.

### 2.3 Other hazards:

If the product is exposed to fire conditions, toxic emissions can arise.

## SECTION III - PRODUCT COMPOSITION

Chemical name	No. CAS	Weight %
Water	7732-18-5	30 - 60
Acrylic Copolymer	Trade secret	40 - 70

## SECTION IV - FIRST AID MEASURES

### 4.1 Description of first aid:

Provide immediate medical attention for any case of overexposure.

Inhalation: Not applicable.

Eye contact: Flush with plenty of water for at least 15 minutes while keeping eyelids apart. Get medical attention immediately.

Skin contact: Thoroughly wash the area with soap and water based cleaner. If discomfort continues or new symptoms develop, get medical attention.

Ingestion: Do not induce vomiting unless a doctor requests it. Call or go immediately to the nearest health center.

## SECTION V - FIRE FIGHTING MEASURES

**5.1 Suitable extinguishing media:** Any one can be used for the environment since the material is not flammable Water mist (X) Foam (X) CO<sup>2</sup> (X) Chemical powder (X)

**5.2 Specific hazards from hazardous chemicals:** Not applicable.

### 5.3 Special measures to be followed by firefighting groups:

Protective equipment for firefighters: Use the appropriate equipment to fight fire.

Fire and Explosion Conditions: None

## SECTION VI – ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures:** For spills use your personal protective equipment, such as safety glasses or goggles, neoprene gloves or other non-porous material, plastic apron, suitable clothing to avoid skin contact and shoes of security.

**6.2 Environmental precautions:** Contain spill and keep out of water courses.

**6.3 Methods and materials for containment and clean-up of spills or leaks:** For small spills, collect the material with absorbent material such as rag or paper, if it is more product then collect with a clean shovel and place in a clean and dry waste container and cover. Remove container from spill area and place in hazardous waste containment area.

For large spills, construct a dike ahead of the liquid spill to prevent further spillage, scoop the material into the dike with a clean shovel, and place along with the contaminated dam sand in a clean, dry waste container and cover. Remove container from spill area and place in hazardous waste containment area.

The affected area should be washed with water to prevent the polymer from drying out and making it difficult to remove.

Dispose of waste in accordance with federal, state, provincial and / or local regulations where the spill occurred.

## SECTION VII – HANDLING AND STORAGE

**7.1 Precautions to be taken to ensure safe handling:** Avoid ingestion, contact with eyes and skin. Keep container closed when not in use. These precautions also apply to empty containers. Keep container closed when not in use.

To handle drums, if possible, use mechanical devices. Avoid sudden movements during the journey.

**7.2 Safe storage conditions:** Its storage can be indoors as long as direct light is avoided and stays within 5 - 40 ° C. Higher temperatures can deteriorate the properties of the emulsion.

## SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters:

Chemical name	CAS No.	Regulation	Limit
N / A	N / A	N / A	N / A

**8.2 Appropriate engineering controls:** Use only in well-ventilated areas. Provide maximum ventilation indoors. Use local exhaust when general ventilation is inadequate.

### 8.3 Individual protection measures, such as personal protective equipment, PPE.

Individual protection measures:	Use your professional judgment in the selection, care and use of the product. Inspect and replace equipment at regular intervals.
Respiratory protection:	Does not apply
Hand protection:	Wear impenetrable nitrile or neoprene gloves and protective clothing to avoid contamination with clothing.
Eye protection:	Wear appropriate safety glasses for protection. Do not wear contact lenses. Do not touch the eyes with

contaminated body parts or materials. Have eye wash facilities readily available.

## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	White
Smell:	Characteristic
pH:	8-10
Vapor pressure:	Not available
Vapor Density:	Not available
Melting point:	Not available
Freezing point:	Not available
Boiling point:	100 ° C
Solubility in water:	Soluble
Specific gravity:	0.995 ± 0.025
% Volatile Weight:	> 30%

## SECTION X – REACTIVITY / STABILITY

**10.1 Reactivity:** The material will not react dangerously.

**10.2 Chemical stability:** The product is stable under normal and non-reactive conditions of storage, handling and use.

**10.3 Possibility of hazardous reactions:** There is no hazardous polymerization.

**10.4 Conditions to avoid:** Avoid temperatures above 5 ° C below the flash point for any flammable liquid. Avoid welding arcs, flames, or other high-temperature sources.

## SECTION XI– TOXICOLOGICAL INFORMATION

**11.1 Numerical measures of toxicity:**

**LD 50** No information available.

**LD 50** No information available

## SECTION XII – ECOTOXICOLOGICAL INFORMATION

The product is not classified as dangerous for the environment. However, this does not exempt the possibility that large or frequent spills could have a harmful or harmful effect on the environment.

## SECTION XIII – DISPOSAL CONSIDERATIONS

**Disposal method:** Collect, recover or dispose of this product in sealed containers at an official disposal site. Both this material and its containers must be disposed of as hazardous waste. Do not allow this material to pour into drains or water supplies. Do not pollute ponds, rivers, lakes, ponds,

etc. with this product or with its used packaging. Dispose of in accordance with state and local regulations. Do not incinerate.

**SECTION XIV – TRANSPORTATION / SHIPPING DATA**

**CFR / DOT:** It is not regulated as a hazardous material for transportation.

**TDG:** It is not regulated as a dangerous material for its transportation.

**IMDG:** It is not regulated as a hazardous material for transportation.

**Classification and Packaging Number:** Does not apply

It does not constitute a dangerous merchandise according to the regulations of air and maritime transport

It must be in accordance with the regulations for the land transport of hazardous materials and waste and with the regulations issued for this purpose.

**More Information:** The above shipping description may not be accurate for all container sizes and all modes of transportation. Please refer to the import request.

**SECTION XV – REGULATORY INFORMATION**

No information available.

**SECTION XVI – OTHER INFORMATION**

Hazardous Material Information System: HMIS (Hazardous Material Information System)

Health risk	1
Inflammability	0
Reactivity	0
PPE	B

0 = Minimum  
 1 = Lightweight  
 2 = Moderate  
 3 = Serious  
 4 = Severe

**More information:**

Only for industrial use. Keep out of the reach of children. The information on the hazards in this document is offered only for examination by the user, without prejudice to its own investigation into compliance with applicable regulations, including the safe use of the product under all foreseeable conditions.

**Legend:**

- ACGIH - American Conference of Hygienists
- CERCLA - Integral Environmental Response, Compensation and Civil Liability
- DOT - Department of Transportation
- DSL - National List of Substances
- EPA - Environmental Protection Agency
- HMIS - Hazardous Materials Information System
- IARC - International Agency for Research on Cancer

MSHA - Mines Health and Safety Administration  
NDSL - List of Non-Domestic Substances  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
PEL - Permissible exposure limit  
RCRA - Law of Conservation and Recovery of Resources  
RTK - Right to Know  
SARA - Amendments and Reauthorizations  
STEL - Short Term Exposure Limit  
TLV - Threshold Limit Value  
TSCA - Law of Control of Toxic Substances  
TWA - Average Weighted Time  
V - Volume  
VOC - Volatile Organic Compounds  
WHMIS - Workplace Hazardous Materials Information System  
OSHA - Occupational Health and Safety Administration