

MATERIAL SAFETY DATA SHEET



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Version: 01

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SECTION I – IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER

- 1.1 Name of the chemical:** BLENDER® Microtopping
- 1.2 Recommended uses:** Low Thickness Continuous Coating
- 1.3 Manufacturer's data:** Blender Group, S.A. DE C.V., Monjaraz 132 int. 1-A, Col. Santa Maríadel Granjeno, CP.37520, León Guanajuato.
- 1.4 Phone number in case of emergency:**
Telephone: +52 (477) 771.01.01; 01-727.03.23 Monday to Friday from 8:00 to 18:00 hrs.
SETIQ/ANIQ: 01800-002.14.00 Attention 24 hours, 365 days.

SECTION II – HAZARDS IDENTIFICATION

2.1 Classification of the chemical:

Classification according to the globally harmonized system:

Causes eye irritation – Category 2A

Hazardous to the aquatic environment – Category 3

Symbol:



Signal Word: ATTENTION.

Hazard statements:

H302 – Harmful if swallowed.

H317 May cause an allergic skin reaction.

H319 – Causes serious eye irritation.

Precautionary advice:

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

P271 – Use in a well-ventilated area.

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 eyes: Rinse carefully with water for several minutes.

Remove contact lenses when they are present to make washing easier.

P302+P352+P333+P312 In case of skin contact; Wash with water and soap abundantly. In case of skin irritation or rash: Consult a doctor.

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

SECTION III – PRODUCT COMPOSITION

Chemical name	No. CAS	Weight %
Portland Cement	65997-15-1	30.0 - 50.0
Quartz Silica	14808-60-7	40.0 - 65.0
Additives	Commercial secret	2.0 - 10.0

Ingredients not listed are not "hazardous" under OSHA 29CFR1910.1200 and are considered a trade secret of Blender Group SA. From CV.

SECTION IV – FIRST AID MEASURES

4.1 Description of first aid:

General Indications

The use of individual protection equipment by the people who will use/apply the product is necessary. Workers dispensing first aid should avoid coming into contact with wet microcement.

Inhalation: take the person to fresh air, if symptoms persist consult a doctor.

Skin contact: wash with soap and plenty of water.

Eye contact: rinse immediately with plenty of water, also wash under the eyelids, for at least 15 minutes.

Ingestion: wash the oral cavity, drink plenty of water, do not induce vomiting, consult a doctor.

Other properties on health: in case of discomfort go to a doctor

Aggravated Medical Conditions:

Pre-existing eye, skin, and respiratory complaints may be aggravated by exposure.

SECCIÓN V –FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media: This product is not expected to burn under normal use conditions.

Fire Protection Equipment: The product is not flammable or explosive, doesn't facilitate or feed the combustion of other materials.

Procedure and Precautions: Cement poses no fire-related hazard. The use of special protective equipment by firefighting personnel is not necessary.

5.2 Information:

- Flash point: not available
- Autoignition temperature: not available
- Flammable/explosive limits - lower: not available
- Flammable/explosive limits - upper: not available
- Personal protective equipment for firefighters: wear personal protective equipment.

SECCIÓN VI –ACCIDENTAL RELEASE MEASURES

Wear proper protective equipment such as safety glasses or goggles, dust mask and cotton safety clothing to prevent skin contact, safety shoes.

Pick up dry material using a shovel or vacuum, avoid raising dust, inhalation and prolonged skin contact. Use the appropriate personal equipment, the use of safety glasses, long-sleeved clothing and gloves is recommended.

DO NOT POUR INTO SEWER, SURFACE WATER AND GROUNDWATER

SECTION VII – HANDLING AND STORAGE

7.1 Precautions to be taken to ensure safe handling: Handle the product using PVC or rubber gloves, safety glasses and cotton clothing. Avoid inhalation of dust and contact with skin and eyes.

7.2 Safe storage conditions: keep the buckets in a cool, dry place and on a wooden platform.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Protection measure:

INDIVIDUAL PROTECTION MEASURES: Use your professional judgment in selection, care and use. Wear gloves, headgear and full body covering if necessary to avoid skin irritation.

VENTILATION: Use only in well-ventilated areas. Provide maximum ventilation in closed places. Use local exhaust when general ventilation is inadequate.

RESPIRATORY PROTECTION: Use a mask if there is a lot of dust

PROTECTIVE GLOVES: Wear suitable rubber or neoprene and protective clothing to reduce exposure.

EYE PROTECTION: Wear appropriate eye protection. Wear chemical safety goggles and/or a face shield to avoid eye contact. Don't wear contact lenses.

When handling the material avoid eating, drinking or smoking.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	White Powder
Odor:	None
pH:	11 to 12
Vapor pressure:	Not available
Vapor Density (air = 1.0):	Not available
Melting point:	>1250 C
Freezing point:	Not available
Boiling point:	Not available
Solubility in water:	Immiscible

SECTION X – REACTIVITY / STABILITY

10.1 Stability: The product is stable under normal conditions of storage, handling and use.

10.2 Hazardous Polymerization Hazard: Will not occur under normal conditions.

10.3 Incompatibility: Avoid contact with moisture.

SECTION XI – TOXICOLOGICAL INFORMATION

POTENTIAL ADVERSE HEALTH EFFECTS

INGESTION: Not available.

INHALATION: May cause respiratory tract irritation, nervous system effects such as headache,

dizziness, incoordination.

SKIN CONTACT: Moderately irritating, but may cause sensitization if used at elevated temperatures.

EYE CONTACT: Slightly irritating, red and tearing eyes may be present.

SECTION XII – ECOLOGICAL INFORMATION

- Consult the environmental regulations in force, it should not be released into sewers or drainage systems.
- Empty packages can be recycled.

SECTION XIII – DISPOSAL CONSIDERATIONS

Removal Method

NEVER POUR INTO THE DRAIN, EITHER ON THE GROUND OR ON ANY SURFACE WITH WATER. All discharge practices must comply with Federal, State and local Laws and Regulations, these regulations may vary by location.

AS A SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF THE RAW MATERIALS USED IN THIS PRODUCT. THE INFORMATION PRESENTED IN THIS DOCUMENT REFERS ONLY TO THE FINISHED PRODUCT ACCORDING TO THE INTENDED SHIPPING CONDITIONS AND DESCRIBED IN THE SAFETY DATA SHEET SECTION.

Disposal of contaminated containers/packaging

The containers of the products cannot be used to contain water or to make use of them. The waste generator is responsible for disposing of them in compliance with applicable laws.

SECTION XIV – TRANSPORTATION AND SHIPPING DATA

This material must be transported following the regulations of the state and/or federal locality, based on the Regulation of Transit and Transport of Materials, in accordance with NOM-004-SCT2-1994

- Land Transportation: It is not classified as hazardous material under current regulations.
- Maritime transport: it is not classified as dangerous material under current regulations.

SECTION XV – REGULATORY INFORMATION

OSHA Hazard Communication Standard.

This product is a “Cementitious Product”

US Toxic Substances Control Regulations (TSCA)

All components of this product are on the TSCA inventory or are exempt from TSCA requirements under 40 CFR 720.30.

SECTION XVI – OTHER INFORMATION

HMIS (Hazardous Material Information System)

Health Risk	1
Inflammability	0
Reactivity	0
PPE	

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

In order to handle this product safely, all the information contained in this safety sheet must be taken into account.

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 Material Information System
 OSHA – Occupational Health and Safety Administration