

Material Safety Data Sheet

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ArcusStone Products LLC

160 Harbor Drive, Suite 200
Sausalito, CA. 94965
Phone: 415.339.4060
FAX: 415.339.4065

HMIS

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

SECTION 1. IDENTIFICATION AND TRANSPORT INFORMATION

Product Name:

ArcusBooster™

Manufacturer: ArcusStone Products LLC, 180 Harbor Drive, Suite 200, Sausalito, CA 94965, (415) 339.4060

DOT Classification: Non-hazardous **IATA:** Non-hazardous **IMDG:** Non-hazardous

Emergency Contact: Chem-Tel Domestic 800 255-3942 International 813 248-0585

SECTION 2. COMPONENTS

Hazard Summary: as defined by OSHA Hazard Communication Standard, 29 CFR 1910, 1200

Components:	CAS No.	OSHA PEL		ACGIH-TLV		Cal/OSHA	
		(mg/m3)		(mg/m3)		PEL (mg/m3)	
Latex resin emulsion in water	Mixed	None	Established	None	Established	None	Established

SECTION 3. PHYSICAL DATA

Appearance: Milky white liquid

Odor: somewhat sweet

Specific Gravity: (H2O=1@4 degrees C) 1.0 to 1.06

Solubility in water: Soluble

ph: 2.0-4.0

Weight / Gallon 8.9 lbs.

% Solids 49-51

The following properties have not been established for this product:

Vapor pressure, Vapor density, Evaporation rate, Boiling point and Freezing / Melting point.

SECTION 4. FIRE AND EXPLOSION HAZARD DATA

Flash Point: None.

Extinguishing Media: Dry Chemical, Carbon Dioxide, and Foam

Hazardous Combustion Products: None.

Unusual Fire and Explosion Hazards: None. **Auto Ignition Temperature:** Not combustible.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus (SCBA) with full face piece operated in the pressure-demand or positive pressure mode. Do not release runoff from fire control methods to sewers or waterways.

SECTION 5. REACTIVITY DATA

Stability: Stable at room temperature in closed container.

Chemical Incompatibilities: Acids and strong bases

Hazardous decomposition products: nitrogen compounds, carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur.

SECTION 6. HEALTH HAZARD ASSESSMENT

Carcinogenicity: None Determined

Eye Effects: Irritation

Skin Effects: Irritation

Routes of Exposure:

Inhalation: Yes

Skin: Yes

Eyes: Yes

Ingestion: Yes

Acute Exposure: Can dry the skin and irritate the eyes.

Chronic Exposure: Vapors can cause inflammation of the lining tissue of the interior of the nose and inflammation of the cornea. Hypersensitive individuals may develop an allergic dermatitis. Excessive inhalation of vapors may result in respiratory problems.

Signs and Symptoms of Exposure: Symptoms of excessive exposure include shortness of breath and reduced pulmonary function.

Emergency First Aid Procedures:

Skin: Wash contaminated areas thoroughly with soap and water. If irritation persists or develops contact a physician.

Eyes: Rinse / Flood eyes with clean water immediately and repeatedly for at least 15 minutes.

Ingestion: Consult a physician.

For Gross Inhalation: Immediately move subject to fresh air, give artificial respiration as needed, and

Get prompt medical attention.

SECTION 7. ACCIDENTAL SPILLAGE MEASURES

Steps to be taken in case material is released or spilled: Ventilate area. Dike and contain the spill; scrape up excess into suitable container; use absorbant material to take up any remaining material.

and place into covered container for disposal; use an absorbant material to pick up any remaining material.

Waste disposal method: Can be treated as a common waste for disposal in accordance with local, state and federal Federal regulations.

SECTION 8. SPECIAL PROTECTION INFORMATION

TLV or Suggested Control Value: No TLV assigned to this material. Minimize exposure in accordance with good hygiene practice. Following work, workers should shower with soap and water.

Ventilation: Use only with adequate ventilation. You can provide local exhaust to maintain airborne concentrations below OSHA PELs (Sec.2)

Respiratory Protection : Not normally required if good ventilation is maintained. Use of an appropriate OSHA, MSHA / NIOSH approved respirator in enclosed environments is recommended.

Protective Clothing: The use of barrier creams or impervious gloves, long trousers, long-sleeved shirt and appropriate footwear recommended to avoid prolonged skin contact.

Eye Protection: Chemical tight splash goggles to avoid eye contact. (ANSI Z-87, 1 or approved equivalent) is

Other Protective Equipment: Provide means of rinsing eyes (eyewash station) in case of emergency.

SECTION 9. HANDLING AND STORAGE

Minimize breathing of vapors and avoid prolonged contact with skin. Wear protective clothing. Store in a cool, dry, well ventilated area.

SECTION 10. REGULATORY INFORMATION

Calif. Prop. 65:

This product contains chemicals which have been identified by the state of California to cause cancer, birth defects, and other reproductive harm. <0.0091% Acrylamide (79-06-1), <0.0001% Acrlonitrile, <0.0378% Formaldehyde (50-00-0), <0.001% N-Methylol acrlamide (924-42-5)

EPA:

RCRA Hazardous Waste Number: Not Listed (40CFR261.33) CERCLA Hazardous Substance (40CFR302.4) listed specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA Sec. 307(a), CAA, Sec. 112: NONE; SARA Toxic Chemical (40CFR355) NONE; SARA EHS (40 cfr 372.65): NONE; This product does not contain chemicals that are subject to release reporting requirements under Sec. 313 of SARA Title III. All components of this formulation are listed in the TSCA Inventory.

SECTION 11. OTHER INFORMATION

DISCLAIMER

While the information provided in this material safety data sheet is believed to provide a useful summary of any hazards of this material as it is commonly used, the MSDS cannot anticipate and provide all of the information that might be needed in every situation. In particular, product users who have not had the benefit of proper training in the application of the product may be using the product in a manner that this MSDS does not address or that may be hazardous. The information herein is given in good faith, but no warranty, expressed or implied, is made. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to this product, as it is the user's obligation to determine the suitability of the product for its intended application, and assumes all liability for risk for its safe use.

Abbreviations:

ACGIH

American Conference of Governmental Industrial Hygienists

ANSI

American National Standards Institute

Cal/OSHA

California Division of Occupational Safety and Health Administration

CAS

Chemical Abstract service

DOT

Department of Transportation

IARC

International Agency for Research on Cancer

m³

Cubic Meter

mg = Milligram

MSDS

Material Safety Data Sheet

NIOSH

National Institute of Occupational Safety and Health

NTP

National Toxicology Program

OSHA

Occupational Safety and Health Administration

PEL

Permissible Exposure Limit

SiO₂

Crystalline Silica (quartz)

TLV

Threshold Limit Values