



SAFETY DATA SHEET (SDS)

SECTION 1, IDENTIFICATION

Product Identification: Prime Shield

Product Description: Water-based blend of acrylic copolymers

Trade Name: Prime Shield

DOT Shipping Name: N/A

Distributor Name: VJ Ventures, Inc. d.b.a. Prime Sealants

Distributor Address: 2950 Newmarket St., #101-158, Bellingham, WA 98226 USA

Distributor Telephone: 1.360.656.5183

Distributor Emergency 24-Hour Telephone: 1.360.656.5183

Distributor Website: www.primesealants.com

Recommended Use: Concrete and asphalt

Restrictions on Use: None

SECTION 2, HAZARD(S) IDENTIFICATION



Note: This product is not dangerous to human life or the environment.

Hazardous Products Resulting from Combustion: Carbon monoxide and carbon dioxide.

SECTION 3, COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL & COMMON NAME	CAS NUMBER	WEIGHT (%)	OSHA PEL
Dialuminum (III) trioxide trihydrate	14762-49-3	<20%	Not established
EDTA	10378-23-1	<30%	Not established
Hydrogen Peroxide	7722-84-1	<7	Not established
Inert Filler		<20%	Not established
Additives		<35%	Not established

SECTION 4, FIRST-AID MEASURES

Contact with Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Seek immediate medical attention.

Contact with Skin: Immediately flush skin with plenty of soap and water. Remove contaminated clothing and shoes. Seek immediate medical attention.

Inhalation: Remove to fresh air. If affected person is not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

Ingestion: If swallowed, DO NOT induce vomiting. Seek immediate medical attention. If victim is fully conscious, give a cupful of water. Never give anything by mouth to a person who is unconscious.

SECTION 5, FIRE-FIGHTING MEASURES

Extinguishing Media: Water, carbon dioxide, dry chemical and foam fire extinguishers.

Protection of Firefighters: Wear positive-pressure self-contained breathing apparatus and protective fire fighting clothing.

SECTION 6, ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear adequate personal protective equipment in order to avoid eye and skin contact.

Environmental Protection: Prevent product from entering into sewer, sink, ground water, rivers and lakes..

Methods of Cleanup: Recover the product with suitable materials like sand, sawdust and special chemicals with high absorption properties. Remove all ignition sources. Containers that shows leak must be removed to a secure and well ventilated area. After that must be restore to new containers and dispose for elimination. In order to eliminate the product consult local and national laws. Non-trained personnel must be turned away from the area.

SECTION 7, HANDLING AND STORAGE

Handling: No smoking, keep away from sources of ignition. Insure that there is no electrical discharge in the area. Do not breathe vapors. Exposure in high temperature may cause ignition.

Storage: Containers must be tightly closed and stored in well-ventilated area away from source of ignition and fuels. Do not store in temperatures higher than 35°C. Do not store in cars cabin.

SECTION 8, EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use with adequate ventilation. Keep containers closed when not in use. Safety shower and eyewash fountain should be within direct access.

Respiratory Protection: Wear a suitable mask.

Skin Protection: Wear protective gloves when possibility of contact exists.

Eye Protection: Wear chemical goggles with sidepieces.

Protective Clothing: Use of protective clothing is recommended to avoid damage to regular clothing.

Hygiene Measures: Wash hands before breaks and after work. While at work, do not drink, eat or smoke around product. Change clothing if it becomes contaminated with the material.

Permissible Exposure Limits: Not established.

SECTION 9, PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid.

Color: White.

Odor: Odorless.

Specific Gravity: 0.95-1.10 gr/cm³.

Boiling Point: 100° C.

Vapor Density: 0.6.

LogP (octanol/water): Not determined.

pH (23° C): 8-9.

Viscosity (23° C): <500mPas.

Flash Point: >55° C.

Flammability: Not determined.

Explosive Characteristics: None.

Oxidizing Characteristics: None.

Fatty Solubility: Not determined.

SECTION 10, STABILITY AND REACTIVITY

Chemical Stability: This material is stable under normal storage conditions.

Heat Combustion: None.

Conditions to Avoid: Avoid heat, sources of ignition, fire, and combustible materials. Do not store in temperatures higher than 35° C.

Materials to Avoid: Strong-oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

SECTION 11, TOXICOLOGICAL INFORMATION

There is no toxicological data available concerning this product.

Special Effects on Humans: Continuous or repeated exposure to this product may cause slight irritation of the skin and eyes. Breathing high amounts of vapors may also cause sleepiness.

SECTION 12, ECOLOGICAL INFORMATION*

Note: Prevent discharge or leaking of this product onto the soil or into streams, lakes, rivers or other water sources.

SECTION 13, DISPOSAL CONSIDERATIONS*

Disposal Method: Dispose in accordance with federal, state and local regulations and permits. We recommend that, rather than disposing of the product, you recover as much of it as you can and reuse it.

SECTION 14, TRANSPORT INFORMATION*

Land Transport (ADR): Not regulated.

Land Transport (RID): Not regulated.

Inland Waterway Transport (ADNR): Not regulated.

Ocean Transport (IMDG): Not regulated.

Air Transport (ICAO/IATA): Not regulated.

SECTION 15, REGULATORY INFORMATION*

Note: No hazard, risk or danger warnings are known to be required for this product in either the US or the EU.

SECTION 16, OTHER INFORMATION

SDS Preparation Date: 3 October 2014

Formula Version Number: 1

Prepared By: BMS-CDS.