GREENEDGE PRIMER

A polyvinyl Acetate Bonding Agent for Cementitious Products

MATERIAL SAFETY DATA SHEET

SECTION I:
PRODUCT IDENTIFICATION

BDC Concrete Sdn. Bhd.
MSDS A1
Revision : APR-29,2015
Product Name : GreenEdge Primer
Product Use : Liquid bonding agent for bonding new concrete to old concrete.

SECTION II:
HAZARD IDENTIFICATION

Route(s) of Entry : Inhalation, Ingestion
Acute Exposure : None known
Chronic Exposure : Repeated or prolonged skin contact may result in mild irritation.
Vapor may be an irritation to the respiratory tract.
Ingestion may cause irritation to the gastrointestinal tract.
Signs and Symptoms of Exposure : None known
Medical Conditions Generally Aggravated by Exposure : None known
Chronic Exposure : None known

SECTION III:
HAZARDOUS INGREDIENT/IDENTITY INFORMATION

Hazardous Components	CAS No.	PEL(OSHA) Mg/m^3	TLV(ACGIH) mg/m^3
Vinly Acetate Ethylene Co-Polymer		Not hazardous	
Vinly Alcohol Polymer		Not hazardous	

SECTION IV:
FIRST-AID MEASURES

Eyes : Immediately flush the eye thoroughly with water.
Continue flushing the eye for at least 15 minutes, including under the lids.
Call the physician immediately.

Skin : Wash skin with cool water, pH-neutral soap, or a mild detergent.
Seek medical treatment if irritation of inflammation develops or persists.

Inhalation : Remove the person to fresh air. Seek medical help if irritation persists.

Ingestion : treat symptomatically and supportively.
Get medical attention.
DO NOT attempt to give anything by mouth to an unconscious person.

SECTION V:
FIRE AND EXPLOSION HAZARD DATA

Flammability : Noncombustible and not explosive.

Auto-ignition Temperature : Not applicable

Flash Point : >212°F

Extinguishing Media : Water Fog; Foam; CO2; Dry Chemical

Special Firefighting Procedures : Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Fire & Explosion Hazards : This is a water-based product and presents no fire or explosion hazard. Dry polymer film will burn. The product contains a low level of organic volatiles, which may be emitted at elevated temperatures.

Hazardous Combustion Products: Carbon Monoxide, Carbon Dioxide, unknown hydrocarbons.

Lower Explosion Limit (%) : Not Applicable

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SECTION VI:
ACCIDENTAL RELEASE MEASURES

Absorb spillages onto sand, earth, or any suitable absorbent material. Sweep up and shovel into waste drums. Wash the spillage area with water. Washings must be prevented from entering surface water drains. Disposal should be in accordance with local, state, or national legislation.

SECTION VII:
PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Storage Temperature : 40-100°F

Handling/Storage : Avoid extreme temperatures. Protect from freezing.
This material should not be spilt, discharged, or flushed into sewers or public waterways. It contains a low level of organic volatiles that could accumulate in the UN-vented head space of drums or bulk storage vessels. Open drums in a well-ventilated area to avoid breathing vapours.

SECTION VIII:
EXPOSURE CONTROL MEASURES

Engineering Controls : General.
Personal Protection : Wear safety glasses with side shields. Protect against splashing. Chemically resistant gloves are recommended. Clothing protection should be worn. Rubber boots and aprons should be worn if exposure is severe. Remove contaminated clothing and launder before reuse. **Exposure Limits:** Consult local authorities for acceptable exposure limits.

SECTION IX:
PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Ocean Blue Liquid
Specify Gravity	1.0 to 1.2
Melting Point	32˚F (O˚C)
Boiling Point	>212˚F (100˚C)
Vapor Pressure	17 mm Hg @ 68˚F (20˚C)
Vapor Density	<1(water)
Odor	Vinyl acetate odor
VOC	1.1 g/L
Evaporation Rate	<1(water)
Solubility in Water	Water miscible. Dilution with water generally will lower dispersion stability.

SECTION X:
REACTIVITY DATA

Stability : Stable
Incompatibility (Materials to Avoid) : Strong oxidizers, materials that react with water.
Hazardous Decomposition or By-Products : None
Hazardous Polymerization : Will Not Occur
Condition to Avoid : Protect from temperatures below 40˚F to preserve product utility.

SECTION XI:
TOXICOLOGICAL INFORMATION

Routes of Entry : Inhalation, ingestion
Toxicity to Animals : LD50: Not Available LC50: Not Available
Chronic Effects on Humans : Not established
Special Remarks on Toxicity : Unlikely to cause harmful effects under recommended conditions of handling and use.

SECTION XII:
ECOLOGICAL INFORMATION

Ecotoxicity	**:** Not Available
BOD5 and COD	**:** Not Available
Products of Biodegration	**:** Not Available
Toxicity of the Products of Biodegration	**:** Not Available
Special Remarks on the Products of Biodegration	**:** Ingress to waterways may cause persistent milky turbidity.

SECTION XIII:
DISPOSAL CONSIDERATIONS

Waste Disposal Method	**:** Disposal should be in accordance with local, state or national legislation. This product is not classified as hazardous waste under the authority of the RCRA(40CFR 261) or CERCLA(40CFR 117&302).

SECTION XIV:
TRANSPORT INFORMATION

DOT/UN Shipping Name	**:** Non-regulated
DOT Hazard Class	**:** Non-regulated
Shipping Name	**:** Non-regulated

Non-Hazardous under U.S. DOT and TDG Regulations

SECTION XV:
OTHER INFORMATION

HMIS-III:

Health -
0= No significant health risk
1= Irritation or minor reversible injury possible
2= Temporary or minor injuries possible
3= Major injury possible unless prompt action is taken
4= Life-threatening, major or permanent damage possible.

Flammability-
0= Material will not burn
1= Material must be preheated before ignition will occur
2= Material must be exposed to high temperatures before ignition
3= Material capable of ignition under normal temperatures
4= Flammable gases or very volatile liquids; may ignite spontaneously

Physical Hazard-
0= Material is normally stable, even under fire conditions.
1= Material is normally stable but may become unstable at high temps.
2= Material that is unstable and may undergo reaction at room temps.
3= Material that may form explosive mixtures with water.
4= Material that is readily capable of explosive water reaction.

Note:
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