

MATERIAL SAFETY DATA SHEET

Barrier-1 Inc.
1901 Tumblewater Blvd.
Ocoee, Florida 34761

DATE PREPARED: 24 January 2007

EMERGENCY PHONE: 407-484-2604

IDENTIFICATION

PRODUCT: BARRIER-1 TOPICAL SYSTEM

CHEMICAL FAMILIES: A. Silicates
B. Hydroxides

HAZARD: No evidence of health hazards exist.

CARCINOGENIC INGREDIENTS: None IARC: Monographs

WARNING STATEMENTS

May irritate eyes. Prolonged exposure may irritate skin.

PHYSICAL DATA

APPEARANCE: Colorless

SPECIFIC GRAVITY: (H₂O = 1) 1.113

SOLUBILITY IN WATER: Soluble 100%

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

BOILING POINT: N/A

EVAPORATION RATE: N/A

FIRE AND EXPLOSION HAZARDS

Non-flammable, water based product. In store area use water, dry chemical, CO2 or foam.

REACTIVITY DATA

Stable. No conditions to avoid. Product is alkaline: Avoid contact with acid

HEALTH HAZARD INFORMATION

EXPOSURE LIMITS: Avoid contact with eyes and prolonged exposure to skin

ENTRY ROUTES: A. INHALATION: YES

B. SKIN: NO

C. INGESTION: YES

SIGNS AND SYMPTOMS OF EXPOSURE: Eye and skin irritation.

In case of contact with eyes, flush immediately with water for 15 minutes.
For skin irritation wash exposed area with soap and water.

PROTECTION AND CONTROL MEASURES

RESPIRATORY: None required

VENTILATION: Local exhaust

PROTECTIVE GLOVES: Any rubber glove

EYE PROTECTION: Goggles or safety glasses

OTHER PROTECTION: Clothing which will protect from skin contact

WORK/HYGENIC PRACTICES: Wash hands after handling

SPILL AND DISPOSAL PROCEDURES

SPILL: Mop from surface or flush with water to drain (will not harm or corrode drains, will benefit portland based materials)

WASTE DISPOSAL: Flush to drain

CONTROL MEASURES

SAFE HANDLING: Keep from freezing, store above 40 F