

Etchall etching creme
MATERIAL SAFETY DATA SHEET

Company Information: B & B Products, Inc.
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Product Name: **etchall etching creme**

Product Sizes: 1 fluid ounce (29 milliliters)
4 fluid ounces (118 milliliters)
16 fluid ounces (473 milliliters)
32 fluid ounces (946 milliliters)

Shipping Classification: UN# 2817, III, 8, 6.1

PHYSICAL AND CHEMICAL CHARACTERISTICS

APPEARANCE:	An off-white to tan-colored cream with the consistency of household glue and a mild, ammonia-like odor.
BOILING POINT:	N/A
MELTING POINT:	N/A
VAPOR PRESSURE:	N/A
VAPOR DENSITY:	N/A
MOLECULAR WEIGHT:	N/A
SPECIFIC GRAVITY:	1.43
REACTIVITY IN WATER:	Non-reactive
SOLUBILITY IN WATER:	The thickeners in the creme do not allow the product to be soluble, but the product can be diluted with water.

HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Ammonium Bifluoride:	UN#1727
Percent:	20 %
ACGIH TLV:	3 PPM as F 25 PPM as NH3
Proprietary:	N/A
Ingredient Sequence No.	N/A
NIOSH (RTECS) No.	N/A
CAS No.	# 1341-49-7
OSHA PEL	2.5 mg/m3 as F 35PPM as NH3

HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES:

PRIMARY ROUTES OF ENTRY: Eyes, Skin, Ingestion, Inhalation. Avoid contact with mucous membranes and open cuts on skin. If there are no open cuts, creme will cause no harm to skin if it is washed off with soap and water within one minute.

EYES: If eye contact occurs, immediately flush eyes with plenty of water for 15 minutes, holding eyelids apart to ensure flushing of entire eye surface. Seek medical attention if irritation persists.

INGESTION: Drink 1-2 glasses of milk or water.

SKIN: Flush with water as soon as possible after contact with skin if irritation is apparent. Always wash skin after contact with creme. Wash skin well with soap and water and apply a soothing ointment like Neosporin or Polysporin.

INHALATION: Excessive inhalation due to long term and close proximity to material can cause irritation to the upper respiratory tract.

SIGNS / SYMPTOMS OF OVEREXPOSURE: Could irritate sinuses if exposed for an extended period of time. A fume-type respirator would be recommended under these conditions. In case of contact with eye or skin, flush well with water. Extremely toxic if taken internally. If swallowed, drink one or two glasses of milk or water. Seek medical attention immediately.

EFFECTS AND SYMPTOMS OF ACUTE OVEREXPOSURE: Skin irritant. Eye irritant. Harmful or fatal if swallowed. May be harmful by breathing dusts or mists. Contact may result in blistering or ulcers of skin. Contact may result in severe eye pain and impairment of vision.

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: Exposure may result in damage to bones and ligaments. Chronic exposure may result in bone changes with associated joint stiffness.

NO KNOWN CARCINOGENICITY. NOT KNOWN TO AGGRAVATE ANY PRE-EXISTING MEDICAL CONDITIONS.

FIRE AND EXPLOSION HAZARD DATA

NON-FLAMMABLE. No special fire fighting procedures required. No special extinguishing media required. Excessive heat may release toxic corrosive gases.

REACTIVITY DATA

CREME WILL GEL WITH AGE.

Hazardous Polymerization Products: None
Stability: Stable, avoid excessive heating, strong acids, and alkalis
Stable Conditions to Avoid: None
Incompatibility (Materials to Avoid): None
Hazardous Decomposition Products: None

ENVIRONMENTAL PROCEDURES AND SAFE HANDLING INSTRUCTIONS

Keep product out of reach of children: Store only in plastic containers such as polyethylene, polypropylene or polyvinyl chloride at temperatures between 65 and 85 degrees Fahrenheit (18 degrees to 30 degrees Celsius). Crystals will form in product at temperatures below 65 degrees Fahrenheit (18 degrees Celsius), but will dissolve when product temperature is raised above 65 degrees Fahrenheit (18 degrees Celsius).

Disposal: A moderate amount of product can be flushed down sewer with plenty of water. Flush with water or neutralize with lime. If a large quantity is being disposed of, comply with all federal, state, and local regulations. No special spill procedures required.

SPECIAL PROTECTION EQUIPMENT

Ventilation: Local exhaust, normal ventilation. Wear impermeable protective gloves. Wear goggles when there is danger of splattering (i.e. cleanup and washing down of spills). Wear a plastic apron or work-type clothing. Wash hands and exposed skin after contact. Use a NIOSH-certified mask for dusts or mists.

ADDITIONAL INFORMATION

B & B Products, Inc. 's etchall etching creme contains 20% ammonium bifluoride by weight and has a pH of 5.2.

The information herein is given in good faith but no warranty, expressed or implied is made.