

Material Safety Data Sheet

Armour Etch

QUICK IDENTIFIER
Common Name (used on label and list)

#83330

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910.1200. Standard must be consulted for specific requirements.

SECTION 1 -

Manufacturer's Name: **Armour Products**

Address: **Godwin Ave, PO Box 56**

City, State, and ZIP: **Midland Park NJ 07432**

Emergency Telephone No.:

Other Information Calls: **201-652-8895**

Signature of Person Responsible for Preparation (Optional):

Date Prepared: **1/1/84**

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS NO.
Hydrofluoric Acid		3 ppm as fluorine			7664-39-3
Fluoride Compounds, Soluable		3 ppm as fluorine			NA

83330

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: **NA**

Specific Gravity (H₂O=1): **NA**

Vapor Pressure (mm Hg): **NA**

Vapor Density (Air = 1): **NA**

Solubility in Water: **NA**

Reactivity in Water: **NA**

Appearance and Odor: **Tan Cream, Pungent odor**

Melting Point: **NA**

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point: **NA**

Method Used:

Flammable Limits in Air % by Volume: **LEL Lower**

UEL Upper: **NON*FLAMABLE**

Auto-Ignition Temperature: **NA**

Extinguisher Media: **WATER**

Special Fire Fighting Procedures:

Unusual Fire and Explosion Hazards: **Heating may release toxic corrosive gasses**

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Conditions Heating
Stable to Avoid

Incompatibility (Materials to Avoid) Concentrated bases

Hazardous Decomposition Products

Hazardous May Occur Conditions Polymerization Will Not Occur to Avoid

SECTION 6 - HEALTH HAZARDS

1. Acute

2. Chronic

Sever irritation to skin and eyes. Corrosive to skin, Inhalation causes irritation to

Signs and Symptoms of Exposure Upper reppiratory tract

Medical Conditions Generally Aggravated by Exposure

Chemical Listed as Carcinogen or Potential Carcinogen

National Toxicology Program Yes No

LARC Monographs Yes No

OSHA Yes No

Emergency and First Aid Procedures Immediately flush with water for 15-30 min. Call physician. Use alkaline soap on skin. If skin is irritated immerse in 0.13% (1:750) iced Aqueous Zephiran

Chloridesolution for 30-60 minutes. Saturated compresses can be used if area can't be immerse

ROUTES OF ENTRY

1. Inhalation

Remove to fresh air. Give oxygen if breathing is difficult. Call physician.

2. Eyes

Flush with water 30 min. Call physician.

3. Skin

See Above.

4. Ingestion

DO NOT INDUCE VOMITING. Give large quantities of water. Call physician.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Don't store near concentrated bases. Use common sense.

Other Precautions

Steps to be Taken in Case Material is Released or Spilled

Neutralize with Soda ash, caustic soda or lime. Wash down area with plenty of water. Spills may be reportable under the CleanWater Act. Material is a hazardous waste under RCRA. Comply with all local environmental regulations re: disposal.

Waste Disposal Methods (Consult federal, state, and local regulations)

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type)

Ventilation General Local If strong Exhaust Fumes are noticed Mechanical NA Special NA Other NA

Protective Gloves rubber, neoprene Eye Protection plastic goggles

Other Protective Clothing or Equipment as needed to prevent contact w/ skin or clothing.

Work/Hygienic Practices cleanliness and common sense.

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.