



MATERIAL SAFETY DATA SHEET

Edwal Anti-Scratch Hardener

SECTION I PRODUCT IDENTIFICATION

Trade Name: Edwal Anti-Scratch Hardener
Product Code(s): ED-ASH-4; ED-ASH-16
Manufacturer: Brandess/Kalt/Aetna
701 Corporate Woods Pkwy
Vernon Hills, IL 60061
847-821-4237
Emergency Phone # Chemtrec 800-424-9300
Product Form: Liquid Solution
Synonyms: None

Date: 01/23/2006

SECTION II HAZARDOUS INGREDIENTS

Ingredients	CAS #	%
Aluminum Chloride	4432-118-5	<37%

SECTION III PHYSICAL DATA

Boiling Point (°F)	>212°F	Appearance and Odor	Clear, colorless liquid, vinegar odor
Vapor Pressure (MM hg)	NE	Specific Gravity	1.120
Vapor Density (Air=1)	NE	pH	>1
Solubility In Water	Complete	Evaporation Rate (Ether =1)	1

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point – None **Flammable Limits** **LEL** – NA **UEL** - NA
Extinguishing Media – Use media suitable for surrounding materials.
Special Fire Fighting Procedures – No special procedures required.
Unusual Fire & Explosion Hazards – None Known.

SECTION V – HEALTH HAZARD INFORMATION

Symptoms and Effects of Overexposure – Severe irritation of the nose, mouth, and respiratory tract. Severe skin burns. Eye contact causes severe or permanent damage.

Medical Conditions Aggravated by Exposure – None Known

First Aid

Eyes: Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Get prompt medical attention.

Skin: Immediately remove contaminated clothing. Wash skin thoroughly with large amounts of water for at least 15 minutes. Get prompt medical attention.

Inhalation: Move victim to fresh air and restore breathing if necessary. Stay with victim until arrival of emergency medical personnel.

Ingestion: Contact local Poison Control Center or physician immediately!

SECTION VI – REACTIVITY DATA

Stability – Normally Stable

Incompatible Materials – Alkalis, combustibles

Hazardous Decomposition Products – Sulfur Dioxide

SECTION VII – SPILL or LEAK PROCEDURES

Procedures – Wear personal protective equipment (see Section VIII). Ventilate area. Dilute with large amounts of water and neutralize with soda ash or lime.

Waste Disposal Method – Dispose of in accordance with Local, State, and Federal Regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

Respiratory – Not normally required. If TLV is exceeded, or for symptoms of overexposure, wear a NIOSH approved dust mist respirator.

Eyewear – If splash potential exists, wear chemical splash goggles or faceshield.

Clothing/Gloves – If potential for skin contact exists, wear neoprene or other chemical resistant gloves and apron or coveralls and/or foot coverings, as needed.

Ventilation – Local exhaust may be necessary under some handling/use conditions. Specific needs should be addressed by supervisory or health safety personnel.

SECTION IX – SPECIAL PRECAUTIONS

Store in a closed container. CORROSIVE. Product will slowly corrode iron, brass, copper, aluminum, and mild steel.

The information and recommendations contained in this material safety data sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.