

MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S 29 CFR 1910, 1200 AND STATE HAZARD COMMUNICATION STANDARD

A BRITE COMPANY
8005 SOVEREIGN ROW
DALLAS, TEXAS 75247
214-638-0465

24 HOUR EMERGENCY PHONE NUMBER 1-800-424-9300 (CHEMTREC)

SECTION 1: PRODUCT IDENTIFICATION

TRADE NAME: Aluma Seal 144
GENERAL OR GENERIC ID: Anaodize seal
DATE PREPARED: 9/20/00
LATEST REVISION DATE: 12/15/00
NFPA/HMIS HAZARD CODES
(minimal = 0; slight = 1; moderate = 2; serious = 3; severe = 4)
HEALTH: 2/2 FIRE: 0/0 REACTIVITY: 0/0 SPECIAL: NA

SECTION 2: HAZARDOUS INGREDIENTS IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS #	OSHA PEL	ACGIH TLV	IDLH LEVEL	% /WT
Nickel (II) Acetate	373-02-4	1mg/m ³	1.5mg/m ³	N/A	~ 20

*= Reportable under SARA Title III

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 212°F
VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
SOLUBILITY IN WATER: complete
APPEARANCE AND COLOR: Green liquid with vinegar odor.

SPECIFIC GRAVITY: 1.07
PERCENT VOLATILE: ~ 88
EVAPORATION RATE: N/A

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: not flammable
EXTINGUISHING MEDIA: Water fog, carbon dioxide, alcohol foam, dry chemical and Halon.
SPECIAL FIRE FIGHTING PROCEDURES: Pressure demand, self contained respiratory protection and protective clothing should be worn by firefighters in areas where chemical products are stored.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Non combustible material. Corrosive fumes and vapors may develop if product is exposed to elevated temperature.

SECTION 5: REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITY: Oxidizers, silicon bearing materials, sulfides, cyanides, alkalis, concrete and organics.
CONDITIONS TO AVOID: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: Fumes of nickel oxide.

SECTION 6: HEALTH HAZARD DATA

ROUTES OF ENTRY /SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: Skin contact may be irritating and cause allergic dermatitis, characterized by itching and skin eruptions.
INGESTION: Harmful if swallowed. May cause nausea and vomiting.
INHALATION: Mist or dust at high levels may cause irritation to the nose, throat and lungs. May cause damage to the upper respiratory tract.
CHRONIC EFFECTS: None known
CARCINOGENS: IARC: Group I as nickel compound
NTP: Anticipated carcinogen as nickel compound.
OSHA: Unknown.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.
EMERGENCY AND FIRST AID PROCEDURES:
EYES: Immediately flush with plenty of water for 15 minutes. See a physician.
SKIN: Wash with soap and water. Remove contaminated clothing. See a physician if irritation occurs.
INHALATION: Remove to fresh air. If breathing has stopped start artificial respiration. See a physician.
INGESTION: Call a physician immediately, **DO NOT INDUCE VOMITING DILUTE BY DRINKING WATER (MILK IF AVAILABLE) NEVER GIVE LIQUIDS TO AN UNCONSCIOUS PERSON.**

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURES:
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Neutralize with slaked lime, crushed limestone or sodium bicarbonate. Absorb spill with any non combustible sorbent such as fly ash or cement powder.
WASTE DISPOSAL METHOD: Dump to waste water treatment system, observe local, state and federal regulations..

SECTION 8: TRANSPORTATION AND LABELING

REGULATORY INFORMATION:
DOT HAZARD CLASS: None
SHIPPING NAME: None
ID NUMBER: None
PACKING GROUP: None
LABELS: None
TSCA: All components included in the inventory.

SECTION 9: HANDLING AND STORAGE

HANDLING AND STORING: Keep container closed when not in use.
OTHER PRECAUTIONS: Keep out of reach of children. Store in proper chemical storage area.
If water pollution occurs, notify the proper authorities.

SECTION 10: CONTROL MEASURES

RESPIRATORY PROTECTION: Use NIOSH approved respiratory equipment for dust and mist.
VENTILATION: Local exhaust to maintain air contamination.
GLOVES: Rubber gloves, neoprene, or synthetic rubber required.
EYE PROTECTION: Safety glasses or goggles required.
OTHER PROTECTIVE EQUIPMENT: As needed to prevent prolonged or repeated skin contact. Eye wash fountain and safety shower in work area.
WORK /HYGIENIC PRACTICES: Launder contaminated clothing before reuse.

THE INFORMATION WAS COMPILED FROM CURRENT, RELIABLE SOURCES AND IS BELIEVED TO BE CORRECT. AS DATA, AND OR REGULATIONS CHANGE, AND CONDITION OF USE AND HANDLING ARE BEYOND OUR CONTROL, NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION. SELLER ASSUMES NO RESPONSIBILITY FOR INJURY TO BUYER OR TO THIRD PERSONS OR FOR ANY DAMAGE TO ANY PROPERTY AND BUYER ASSUMES ALL SUCH RISKS.