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MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to
comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.
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PRODUCT NUMBER: 4-101
IDENTITY: ALUMNI-FAST
PRODUCT CLASS: EPOXY PUTTY
DOT PROPER SHIPPING NAME: Putty, NMFC 150110
Revision Date: 01/16/2007

Section I

Manufacturer's Name: MAINTENANCE SOLUTIONS*** ^ Telephone Numbers:
Address: P.O. BOX 12202 Emergency:
800/424-9300 (CHEMTREC)
SCOTTSDALE Information:
State: AZ Zip Code: 85267 800/747-9593
Product Code: 4770 Preparer: C. Jason Albitz

HMIS CODES: REACTIVITY: 0 FLAMMABILITY: 1 HEALTH: 1 PERSONAL PROTECT: B

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the
ingredients contained in this product are listed on the TSCA inventory.)

Table with 7 columns: Name, Cas No., Percent TSCA, Health, Fire, React., PPE. Rows include Glycidyl ethers of bisphenol A resins and Tri(dimethylaminomethyl)phenol.

***ALL ingredients in this product are listed in the T.S.C.A. inventory

Comment:

THIS PRODUCT CONTAINS THE TOXIC CHEMICALS MARKED WITH AN * SUBJECT
TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING
AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A Specific Gravity (water=1) 2.18
Vapor Pressure(mm Hg) N/A Melting Point: N/A
Vapor Density(AIR=1) Non-volatile Evaporation Rate: Non-volatile
Solubility in Water: Insoluble (Butyl Acetate=1)
Appearance and Odor: Metallic/Grey Putty, Mercaptan/Sulfur odor

Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used): N/A Flammable Limits: LEL:N/A UEL: N/A
Extinguishing Media: Water spray, foam, CO2, dry chemicals
Special Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING APPARATUS
WHEN INDICATED

Unusual Fire and Explosion Hazards: ALDEHYDES, ACIDS, AND OXIDE OF CARBON,
NITROGEN AND SULFER.

Stability: Unstable: Conditions to avoid:
 Stable: X TEMPERATURES ABOVE 120 F
 Incompatibility (Materials to Avoid): NONE

Hazardous Decomposition or Byproducts: ALDEHYDES, ACIDS, AND OXIDE OF CARBON,
 NITROGEN AND SULFER

Hazardous Polymerization: May Occur: Will Not Occur: X
 Conditions to Avoid: NONE

Section VI: HEALTH HAZARD DATA

	ROUTE	SPECIES	EXPOSURE AND DOSE
Glycidyl ethers of	Oral	Rat, adult	LD50 5000 mg/Kg
bisphenol A resins	Skin	Rabbit, adult	LD50 20000 mg/Kg
Tri(dimethylaminomethyl)phenol	Oral	Rat, adult	LD50 1630 mg/Kg

Permissible Exposure Level N/E

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
 Health Hazards(Acute and Chronic):
 INHALATION: NONE EYES: POSSIBLE IRRITANT AND SENSITIZER.
 SKIN: POSSIBLE IRRITANT AND SENSITIZER.
 INGESTION: MAY CAUSE IRRITATION OF INTESTINAL TRACT.
 Carcinogenicity: NTP:NO IARC Monographs:NO OSHA Reg:NO
 Signs and Symptoms of Exposure: SEE HEALTH HAZARDS ABOVE

Medical Conditions Generally Aggravated by Exposure: NONE

Emergency and First Aid Procedures: INHALATION: REMOVE TO FRESH AIR.
 INGESTION: SEEK MEDICAL ADVICE. SKIN: WASH WITH SOAP AND WATER -
 IF IRRITATION PERSISTS, SEE PHYSICIAN. EYES: RINSE THOROUGHLY WITH WATER
 FOR 15 MINUTES-SEEK MEDICAL ADVICE.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: N/A

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE
 AND LOCAL GUIDELINES.

Precautions to be Taken in Handling and Storing: KEEP AWAY FROM CHILDREN
 STORE IN A COOL DRY WELL VENTILATED AREA. WASH THOROUGHLY AFTER HANDLING
 ESPECIALLY BEFORE EATING, DRINKING, SMOKING AND USING THE RESTROOM FACILITIES.
 WASH CONTAMINATED GOGGLES, FACE SHIELD AND GLOVES.
 Other Precautions: NONE

Section VIII: CONTROL MEASURES

Respiratory Protection: USE WITH ADEQUATE VENTILATION.
 Ventilation: Local Exhaust: ADEQUATE
 Mechanical: N/A Special: N/A
 Other: N/A
 Protective Gloves: N/A
 Eye Protection: SAFETY GLASSES ARE RECOMMENDED WHEN USING CHEMICAL PRODUCTS
 Other Protective Clothing or Equipment:
 N/A
 Work/Hygienic Practices:
 WASH HANDS AFTER USE