Eastwood DO THE JOB RIGHT.

#10319A

MATERIAL SAFETY DATA SHEET

Section 1 - Product and Company Identification

Manufactured For:
The Easthill Group Dba/The Eastwood Company
263 Shoemaker Road
Pottstown,PA 19464
USA & Canada: 800-345-1178
Outside USA: 610-323-2200
Emergency contact: Chem-Trec: 800-424-9300

ction 2 - Ingredient Information

ıngredient Name	CAS Number	Percent
1,3,5-Triglycidyl Isocyanurate	002451-62-9	3 - 7
COPPER	007440-50-8	1 - 5
ALUMINUM, AS METAL	007429-90-5	0.5 - 1.5
TITANIUM DIOXIDE	013463-67-7	0.5 - 1.5
NUISANCE DUST	N/A	100

Section 3 - Hazards Identification

These acute and chronic health effect statements address exposure to the pure chemicals only. In a coating powder these components are mixed within the coating and direct exposure to them is not likely.

ACUTE HEALTH EFFECTS:

(1,3,5-Triglycidyl Isocyanurate)
INGESTION: Moderately toxic. Symptoms are not fully known, may include loss of appetite and nose bleeding. INHALATION: Irritating to upper respiratory tract. May cause nosebleeds. EYE CONTACT: Irritating. SKIN CONTACT: Irritating. Can be absorbed through the skin in harmful ıounts. Effects similar to ingestion.
.ALUMINUM, AS METAL)
INHALATION: Dust may be irritating to the upper respiratory tract.
(COPPER)
May cause irritation to the upper respiratory tract.

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(TITANIUM DIOXIDE)
INGESTION: Low oral toxicity. No toxic effects due to ingestion are described in literature. INHALATION: Irritating to upper respiratory tract. EYE CONTACT: Irritating.

CHRONIC HEALTH EFFECTS:
(1,3,5-Triglycidyl Isocyanurate)
Irritation of eyes, skin and respiratory tract; loss of appetite, may cause nosebleeds; toxic by ingestion and if absorbed through the skin. Prolonged or repeated contact may cause skin sensitization. Animal studies show that overexposure can result in toxic effects to the testes, possible effects on liver and lungs, and possible adverse male reproductive effects.
(ALUMINUM, AS METAL)
Not generally regarded as an industrial poison. Cases of fibrosis of the lungs have been reported due to breathing aluminum dust but these are not usually found outside of mining and metal production.
(TITANIUM DIOXIDE)
Laboratory studies show that inhalation exposure to high levels (250 /kg) of Titanium Dioxide causes cancerous tumors in rats. This response occurs at lower exposure levels and may be due to the high levels overwhelming normal lung clearance mechanisms. The relevance of this data to humans is not significant where the TLV is observed.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY OVEREXPOSURE:
(1,3,5-Triglycidyl Isocyanurate)
Respiratory illness & dermatitis may be aggravated by excessive exposure.

PRIMARY ROUTES OF ENTRY:
Inhalation, Dermal, or Ingestion

Section 4 - First Aid Measures

EYE CONTACT
Flush eyes with cool water for 15 minutes, occasionally lifting lids to ensure thorough rinsing. Seek medical assistance.
SKIN CONTACT
Wash thoroughly with soap and water.
INHALATION
Remove from area to fresh air.
INGESTION
Drink 1 or 2 glasses of water and induce vomiting by placing finger at back of throat. Seek medical assistance.

Section 5 - Fire Fighting Measures

LC >/= 26g/m3 (see sec. 16)

EXTINGUISHING MEDIA

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_X_ FOAM _X_ CO2 _X_ DRY CHEMICAL _X_ WATER FOG _X_ DRY SAND

FIRE FIGHTING INSTRUCTIONS

Use fully protective equipment with self-contained breathing apparatus. The material has a flammability rating similar to a water-borne coating.

Section 6 - Accidental Release Measures

CLEAN-UP

Sweep up carefully or use explosion-proof vacuum cleaner, then dispose in accordance with local, state and federal regulations.

Section 7 - Handling and Storage

HANDLING

Keep all equipment clean and properly grounded to avoid static electricity discharge. Keep work areas free of dust. Avoid excessive skin contact. Do not ingest or inhale. Keep out of the reach of children.

STORAGE

Keep containers sealed and avoid static electricity discharges.

Section 8 - Exposure Controls / Personal Protection

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
1,3,5-Triglycidyl Isocyanurate	0.05 mg/M3	N/A	N/A	N/A	N/A
COPPER	1.00 mg/M3	N/A	N/A	N/A	1.00 mg/M3
ALUMINUM, AS METAL	10.00 mg/M3	N/A	N/A	N/A	15.00 mg/M3
TITANIUM DIOXIDE	10.00 mg/M3	N/A	N/A	N/A	10.00 mg/M3
NUISANCE DUST	10.00 mg/M3	N/A	N/A	N/A	N/A

ENGINEERING CONTROLS

Provide sufficient ventilation in volume and pattern to keep air contamination concentration below applicable OSHA permissible exposure levels or ACGIH's TLV TWA limit.

RESPIRATORS

A properly fitted NIOSH/MSHA approved gas & vapor respirators, or conventional respirators, or negative pressure respirators or particulate respirators, or FFR (filtering facepiece respirator) to avoid breathing dust.

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OTHER CLOTHING

PROTECTIVE GLOVES: Recommended to avoid skin contact.
EYE PROTECTION: Goggles or safety glasses w/side shields recommended.
OTHER PROTECTIVE EQUIPMENT: Protective overalls recommended. Remove and wash soiled clothing.

Section 9 - Physical and Chemical Properties

Spec. Grav., ASTM D5965-96,C:1.26

Section 10 - Stability and Reactivity

Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Fumes may contain CO, CO2, NO2 or other Nitrogen compounds.

Section 11 - Toxicological Information

Route	Species	Exposure and Dose
1,3,5-Triglycidyl Isocyanurate		
Oral	Rat, adult	LD50 440. PPM
TITANIUM DIOXIDE		
Oral	Rat, adult	LD50 9500. PPM

Section 12 - Ecological Information

None known

Section 13 - Disposal Considerations

Manage or dispose in accordance with local, state and federal regulations.

Section 14 - Transport Information

Not Regulated

Section 15 - Regulatory Information

SARA TITLE III SECTION 313:
This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Ingredient Name	CAS Number	Percent

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ALUMINUM, AS METAL	007429-90-5	< 5

All ingredients in this product are listed in the T.S.C.A. Inventory.

Weight loss is less than one percent when using US EPA Federal Reference Method 24 (ASTM D2369). This weight loss is mostly water (ASTM D4107) with a trace amount of organic material. This trace amount should be considered Volatile Organic Compound (VOC) Content.

Section 16 - Other Information

HMIS Rating: Health=1* Fire=1 Reactivity=0 PPE=E
NFPA 704 Rating: Health=1 Fire=1 Reactivity=0
Rating Definitions:
Health 1-Slight hazard, irritation possible
alth *-Long term health effects may result from repeated overexposure
Fire 1-Slight hazard, needs considerable preheat before combustion will occur
Reactivity 0-Minimal hazard, materials are normally stable
PPE E-ANSI, Z87 approved safety glasses, gloves, negative pressure or particulate respirators
Other Definitions:
MEC (sec. 5) = Minimum Explosive Concentration