22018

Manufactured For:
The Easthill Group Dba/The Eastwood Company
263 Shoemaker Road
Pottstown,PA 19464

MATERIAL SAFETY DATA SHEET

DO THE JOB RIGHT.

SECTION I. MATERIAL DESCRIPTION

Product Name: Aluminum Flakes or Chips
Family: Inert Material / Metal

USA & Canada: 800-345-1178
Outside USA: 610-323-2200
Emergency contact: Chem-Trec: 800-424-9300

SECTION II. INGREDIENTS

Identity	CAS No.	OSHA PEL mgm / m^3	ACGIH-TLV mgm / m^3	By Weight %
Aluminum	7429-90-5	--	10.0	94.5
Silicon	7440-21-3	--	10.0	9.4 Max.
Copper	7440-50-8	--	00.1 (Fume)	1.0 Max.
Zinc	7440-66-6	5.0 (ZnO-Fume)	5.0 (ZnO-Fume)	1.0 Max.
Others	NOT HAZARDOUS	--	--	1.1 Max.

SECTION III. PHYSICAL DATA

Physical Form	Solid (Flakes or Chips)
Boiling Temperature	N/A
Freeze / Melt Temperature	1000° F to 1280° F
Vapor Pressure	N/A
Evaporation Rate	N/A
Specific Gravity	2.71 @ 68° F
Water Gravity	Insoluble
Color	Silver Gray
Odor	None

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: N/A **Auto Ignition Temp.**: N/A **Flammability Limits**: N/A

Extinguishing Media: Earth, Sand, or Class D ONLY. Other methods may spread fire, flakes, or fines.

Special Fire Fighting Procedures:
Fire fighters should wear self-contained breathing apparatus and full protection clothing when appropriate. Use fire fighting materials and procedures adapted to the immediate environment.

Unusual Fire and Explosion Hazards:
Dust clouds may be explosive. Prevent accumulations of dust. If flakes or fines become wet do not store in a tight container that could permit hydrogen gas to accumulate.

SECTION V. REACTIVITY DATA

Stability: Stable under normal conditions of use, storage and transportation.

Incompatibility:

Water:
Slowly generates hydrogen and heat when confined.
Water / aluminum mixtures may be hazardous when confined.

Oxidizers: Violent reaction with much heat generation.

Metal Oxides: Varying degrees of violent reaction with heat generation.

Acids & Alkalies: Reacts to generate hydrogen.

Halogenated Compounds:
Halogenated hydrocarbons and chlorinated solvents can react violently with finely divided aluminum.

Polymerization: Will not occur.

SECTION VI. HEALTH HAZARD DATA

Aluminum dust/fines can be inhaled. Aluminum dust/fines are low health risks by inhalation. For standard operations, aluminum should be treated as a nuisance dust.

Carcinogenity: NTP, IARC Monographs **OSHA**: No in all cases.

Emergency First Aid:

Eyes: Check for and remove contacts. Flush eyes with water. Seek medical attention if irritation persists.

SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spills: No special handling is required.

Waste Disposal: Waste should be recycled.

Handling & Storing Precautions: Material must be kept dry. **DO NOT STORE OUTSIDE.**

Other Precautions: Keep material off electrical equipment in accordance with National Electric code.

SECTION VIII. CONTROL MEASURES

Respiratory Protection: NIOSH/MSHA approved dust respirator.

Ventilation: Local exhaust.

Eye Protection: Wear appropriate protection to avoid eye contact.

Work/Hygienic Practices: Do not allow dust to accumulate.