

MATERIAL SAFETY DATA SHEET

ISSUE DATE: 10/30/92

REVISED DATE: 3/25/02

Supersedes: Any Previous M.S.D.S. On This Product

EMERGENCY PHONE NUMBER: CHEM-TEL INC. 1-800-255-3924

I. IDENTIFICATION

PRODUCT NAME: ALUMINUM PRODUCTS

PRODUCT CLASS: Metal

C.L. Ward & Family Inc.

1460 Delbert's Drive

Monongahela, PA 15063

II. HAZARDOUS INGREDIENTS

<u>MATERIAL:</u>	<u>% WEIGHT</u>	OSHA	<u>PEL</u>	ACGIH	<u>TLV</u>
Aluminum 10 mg/M3	> 95%			N/A	

III. SPECIAL PRECAUTIONS

APPEARANCE: Silvery ductile metal

SPECIFIC GRAVITY: 2.70

MELTING POINT: 660°C

IV. HEALTH AND HAZARD DATA

ROUTE OF EXPOSURE: Inhalation of fumes or dust.

EFFECTS OF OVEREXPOSURE:

Acute Effect: Excessive inhalation of metal fumes can produce an acute reaction known as "metal fume fever."

Symptoms consist of chills and fever (very similar to and easily confused with flu symptoms) which come on a few hours after large exposures.

Chronic Effects: Excessive exposure to aluminum fume and dust has been associated with lung disease, but this effect is probably due to simultaneous silica exposure.

V. HEALTH AND FIRST AID

INHALATION: If acute overexposure to dust or fumes occurs, remove victim from the adverse environmental and seek medical attention.

SKIN CONTACT: Wash area of contact thoroughly with soap and water. If irritation persists, seek medical attention.

EYE CONTACT: Flush immediately with running water for fifteen minutes. If irritation persists, seek medical attention.

INGESTION: N/A

VI. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

EXTINGUISHING MEDIA: Use dry powder for metal fires.

SPECIAL PROCEDURES: Firefighters should wear equipment to protect against noxious fumes.

VII. SPILL OR LEAK PROCEDURES

Minimal problems will occur with spills of this product because of its solid form. However, if there is a spill of dust, clean up using methods which avoid dust generation and the use of water, such as vacuum. If airborne dust is generated during the clean up, use an appropriate NIOSH-approved respirator.

Waste Disposal Method: Dispose of in accordance with appropriate federal, state and local regulations.

VIII. SPECIAL PROTECTION

VENTILATION: Local exhaust ventilation should be provided to keep worker exposures within allowable limits.

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved organic vapor respirators when vapor concentrations exceed to TLV.

EYE PROTECTION: Personal protective equipment should be worn when there is a reasonable probability of injury.

PROTECTIVE GLOVES: As needed

IX. CARCINOGENIC ASSESSMENT

Aluminum has NOT been identified as a suspect carcinogen by NTP, IARC, or OSHA.

X. REACTIVITY DATA

STABILITY: Stable under normal conditions of handling and use.

CONDITIONS TO AVOID: Poor ventilation.

INCOMPATIBILITY: Halocarbons, halogens.

HAZARDOUS DECOMPOSITION PRODUCT: N/A

HAZARDOUS POLYMERIZATION: Will not occur.

XI. SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Use good housekeeping practices to avoid excessive dust accumulation.

This information is taken from sources or based upon data believed to be reliable; however, C.L. WARD & FAMILY, INC. makes no warranty as to the absolute correctness or sufficiency of any of the foregoing of that additional or other measures may not be required under particular conditions.

