



MATERIAL SAFETY DATA SHEET

#88169 & 88170
Emergency Telephone
(614) 431-6600

ACME RESIN CORPORATION

BORDEN PACKAGING and INDUSTRIAL PRODUCTS DOMESTIC AND INTERNATIONAL, DIVISION OF BORDEN, INC
10330 W. ROOSEVELT ROAD, WESTCHESTER, ILLINOIS 60154-2564

THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200 REQUIRES THAT THE INFORMATION CONTAINED ON THESE SHEETS BE MADE AVAILABLE TO YOUR WORKERS. INSTRUCT YOUR WORKERS TO HANDLE THIS PRODUCT PROPERLY.
FOR INDUSTRIAL USE ONLY

PAXTON & PATTERSON
ATTN: SAFETY MANAGER
5719 W 65TH ST
CHICAGO, IL 60638

NON-EMERGENCY TELEPHONE
(708) 524-3176
ATTN: KENNETH C. PYLES

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DESCRIPTION: ALUCOFLUX ICC 2 OZ.
PRODUCT TYPE: INORGANIC MIXTURE
APPLICATION: METALLURGICAL FLUX ADDITIVE

CUR ISS 11-APR-90

SIGNAL WORD

CAUTION!

This material presents possible health hazards as determined when reviewed according to the requirements of the Occupational Safety and Health Administration 29 CFR Part 1910.1200 "Hazard Communication" Standard.

CHEMICAL HAZARD RATING

HEALTH=1(slight)
FIRE=0(least)
REACTIVITY=0(least)
CHRONIC=*

29CFR1910.1200 HAZARDOUS INGREDIENTS/REPORTED HEALTH EFFECTS

CAS/REGISTRY NO. MATERIAL DESCRIPTION RANGE

The ingredients listed below have been associated with one or more of the listed immediate and/or delayed(*) health hazards. Risk of damage and effects depends upon duration and level of exposure. BEFORE USING OR HANDLING, READ AND UNDERSTAND THE MSDS.

67-72-1 *HEXACHLOROETHANE

>70

Ingestion may cause liver damage.
Ingestion may cause kidney damage.
Ingestion can cause central nervous system effects.
Signs and symptoms may include nausea, vomiting, dizziness, drowsiness and loss of consciousness.
-- See Footnote C.

ACGIH TLV: 1 PPM (9.7 MG/M³) TWA
OSHA PEL: SKIN - 1 PPM (10 MG/M³) TWA

Footnote C: As of the date of issuance of this document, this material has not been listed by NTP, IARC or OSHA as a carcinogen.

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DESCRIPTION: ALUCOFLEX ICC 2 OZ.
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PHYSICAL DATA

APPEARANCE	CRYSTALS
BOILING POINT, 760 MM HG.	NOT APPLICABLE
COLOR	COLORLESS
FLASH POINT	NON-FLAMMABLE
ODOR	CAMPOR-LIKE ODOR
PH DETERMINATION.	NOT APPLICABLE
% VOLATILES BY VOLUME.	ZERO
AUTOIGNITION TEMPERATURE	NOT APPLICABLE
LOWER EXPLOSION LIMIT	NOT APPLICABLE
UPPER EXPLOSION LIMIT	NOT APPLICABLE

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IMMEDIATE HEALTH HAZARD DATA

SKIN ABSORPTION: No hazards known to Borden.

INGESTION: Not expected to be harmful under normal conditions of use.

Can cause convulsions, respiratory stimulation and circulatory depression.

INHALATION: Not expected to be harmful under normal conditions of use. However, if allowed to become airborne, may cause irritation of nose, throat and lungs.

SKIN: May cause irritation on prolonged or repeated contact.

EYES: May cause irritation on prolonged or repeated contact.

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HANDLING PRECAUTIONS

INHALATION: Avoid prolonged or repeated breathing of dust or vapor.

SKIN: Avoid prolonged or repeated contact with skin.

EYES: Avoid prolonged or repeated contact with eyes.

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing.

Wash thoroughly after handling.

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EMERGENCY AND FIRST AID PROCEDURES

INGESTION: If accidentally swallowed, dilute by drinking large quantities of water. Immediately contact poison control center or hospital emergency room for any other additional treatment directions.

INHALATION: Remove to fresh air.

SKIN CONTACT: In case of irritation, flush with water.

EYE CONTACT: Immediately flush eyes with plenty of

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EMERGENCY AND FIRST AID PROCEDURES

water. Call a physician if irritation persists.

FIRE AND EXPLOSION HAZARD DATA

Will not burn.
In case of fire, use water spray, dry chemical, foam or CO2. Use water to keep fire-exposed containers cool.

REACTIVITY DATA

Normally stable as defined in NFPA 704-12(4-3.1).
Hazardous polymerization: Will not occur.
Incompatibilities: None known to Borden.
Other Hazards: None known to Borden.
Decomposition products may include: CO, CO2, phosgene and HCl by thermal decomposition in air.

CONTROL MEASURES

If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

PERSONAL PROTECTION INFORMATION

Where air contaminants can exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance with OSHA 29 CFR 1910.134 or other applicable standards or guidelines.
Use goggles if contact is likely.
Wear impervious gloves as required to prevent skin contact.

SPILL OR LEAK PROCEDURES

Sweep (scoop) up and remove to a chemical disposal area.
Prevent entry into natural bodies of water.

WASTE DISPOSAL

Dispose of according to local, state/provincial, and federal requirements.

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STORAGE PRECAUTIONS

Keep container closed.
Store in a cool, dry place.
Empty container may contain product residues. DO NOT
cut, torch or reuse without commercial cleaning.
Store at ambient temperature.
Use with adequate ventilation.
Do not store near strong oxidizing chemicals.

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DOT CLASSIFICATION
NOT REGULATED

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10330 W. ROOSEVELT ROAD, WESTCHESTER, ILLINOIS 60154-2564SARA TITLE III SECTION 313
AND 40 CFR Part 372

88169-88170

TOXIC CHEMICAL NOTIFICATION SHEET

P-5

ALUCOFLUX ICC 2 OZ.

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.

CAS Registry Number	Chemical Name	Pct. By Weight
67-72-1	HEXACHLOROETHANE	100.00

This Toxic Chemical Notification Sheet must not be detached from the Material Safety Data Sheet (MSDS). Any copying and redistribution of the MSDS shall include copying and redistribution of this notification sheet attached to copies of the MSDS subsequently redistributed.

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