

MATERIAL SAFETY DATA SHEET

AJINOMOTO U.S.A., Inc.
West 115 Century Road
Paramus, NJ 07652

PRODUCT NAME : AH-300(US)
MSDS DATE : July 18, 2001

1. PRODUCT IDENTIFICATION

(Mixture)

MANUFACTURER'S NAME AND ADDRESS : AJINOMOTO U.S.A., Inc.
West 115 Century Road
Paramus, NJ 07652
Tel: (201) 261-1789 Fax: (201) 261-7267

TRADE NAME : AH-300(US)
CHEMICAL NAME : Proprietary Amine adduct with epoxy resin blended with Dicyandiamide
CHEMICAL FORMULA : TSCA Accession# 78730 (80%)
CAS# 461-58-5 (20%)

TSCA: Accession #78730

USE : Curing agent and curing accelerator for epoxy resin. Cross-linking agent for thermosetting resins.

REGULATORY LISTING: HINECS (Europe): Polymer, CEPA (Canada): Listed on NDSL, Korea: 9212-4049
15CA (USA): Accession #78730, M111 (Japan): (1)-2250 Australia: NOT LISTED

2. HAZARDOUS INGREDIENTS

HAZARD CLASSIFICATION : Not classified as hazardous chemical
SUSPECTED CANCER AGENT : No

3. PHYSICAL DATA

BOILING POINT(°C) : No data
MELTING POINT(°C) : 95°C
VAPOR PRESSURE(mmHg) : No data
VAPOR DENSITY(AIR=1) : No data
APPEARANCE AND ODOR : Pale yellow powder with characteristic amine odor
pH : No data
SPECIFIC GRAVITY(WATER=1) : No data
SOLUBILITY IN WATER : Around 25%
VOLATILE MATERIAL : No data
EVAPORATION RATE : Not applicable

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4. FIRE AND EXPLOSION DATA

FLASH POINT : No data
AUTOIGNITION TEMPERATURE : No data
EXTINGUISH MEDIA : Water, CO2, dry chemical and foam
SPECIAL FIRE FIGHTING PROCEDURES : Wear self-contained breathing apparatus and complete body protecting clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS : Handle as a organic dust.

5. HEALTH HAZARD INFORMATION

HEALTH HAZARD DATA
ORAL LD50 : >2g/kg

PRIMARY IRRITATION (DRAIZE TEST)

SKIN : No data
EYES : No data.

SKIN SENSITIZATION : No data

CARCINOGENICITY : Not listed in NTP, IARC, OSHA.
MUTAGENICITY : No data

EFFECT OF EXPOSURE

ACUTE : Skin contact is the most likely route of exposure. Contact with skin and eyes may cause irritation.

EMERGENCY AND FIRST AID PROCEDURES

EYES : Immediately flush with water for at least 15 minutes. Get medical attention.
SKIN : Wash off with soap and water. Remove contaminated clothing and shoes. Launder clothing before re-use and discard contaminated leather articles. Get medical attention if swelling or reddening occurs.
INHALATION : Remove to fresh air and administer oxygen or artificial respiration if necessary. Get medical attention if effects persist.
INGESTION : Never give anything by mouth to an unconscious person. If swallowed by accident, seek immediate medical attention.

Note : Powder may cause irritation of skin and eyes, and will irritate nose and throat if inhaled.

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6. REACTIVITY DATA

STABILITY : Stable under normal conditions. Hazardous polymerization will not occur.
INCOMPATIBILITY : Avoid bringing into contact with strong oxidizing materials under uncontrolled condition.
HAZARDOUS DECOMPOSITION PRODUCT : CO, CO2, Nitrogen oxides

7. ENVIRONMENTAL PROCEDURES

SPILL OR RELEASES : Avoid contact with material. Do not raise dust. Shovel up or absorb (if in

solution) spilled material and re-use, or place in a close, labeled container and dispose according to federal, state and local regulations.

8. INDUSTRIAL HYGIENE CONTROL MEASURES

VENTILATION REQUIREMENT

Breathing of dust and vapor must be avoided. Ventilation must be sufficient to control dust and fumes produced by processing method. Local exhaust ventilation recommended to control dust and improve housekeeping.

PROTECTIVE EQUIPMENT

RESPIRATION : NIOSH/MSHA approved respiratory protection required in the absence of proper environmental control.

EYES : Chemical safety spectacles with side shield.

HAND PROTECTION : Gloves

OTHER CLOTHING AND EQUIPMENT : Standard work clothing. Standard work shoes. Wash soiled clothing with soap and dry before re-use. Emergency shower and eyebath; rubber apron and boots.

NOTICE :

This information is taken from sources or based upon data believed to be reliable. However, Ajinomoto U.S.A., Inc. makes no warranty as to the absolute correctness or sufficiency of any of the foregoing or that additional or other measures may not be required under particular conditions.