

SECTION I - PRODUCT IDENTIFICATION

Trade Name: **TMH 2001B**
 Product Class:
 Supplier: **Airtech International, Inc.**
 5700 Skylab Road
 Huntington Beach, CA 92647
 Telephone: 714-899-8100
 Fax: 714-899-8179

Emergency Telephone: **800-424-9300**

HMIS Ratings: Health = 3 Flammability = 1 Reactivity = 0
 (scale 0-4)

Personal protection rating to be supplied by end user depending on use conditions.

Proper Shipping Name: Corrosive Liquid, N.O.S.
Contains: M-Xylenediamine
Hazard Class: 8
UND Number: UN3267

SECTION II - PRODUCT/COMPOSITION

M-Xylenediamine

CAS #: 1477-55-0
 Percent: <25%

SECTION III - HAZARD STATUS

Cancer	Repro-Tox	Target Organ	ACGIH/TLV	OSHA/PEL
No	No	Unknown	0.1 mg/m ³	0.1 mg/m ³

SECTION IV - REGULATORY STATUS

A. CAL Safe Drinking Water & Toxic Enforcement Act of 1986

No.	Chemical Name	CAS#	Cancer	Repro-Tox	Quantity

This product may contain traces of, or other Prop 65 listed chemicals as impurities. However, none are used as ingredients.

B. CERCLA - 40 CFR 302.4

Releases exceeding the reportable quantity (RQ) must be reported to the National Response Center (800) 424-8802.

RQ = 1—lbs. (Unlisted Hazardous Waste - Characteristic of Corrosivity)

C. OSHA - 29 CFR 302.4

According to Osha criteria the following component(s) are hazardous:

1 M-Xylenediamine 1477-55-0 <25%

D. RCRA - 40 CFR 261.33

Product is an unlisted RCRA Corrosive Waste.

E. SARA TITLE III - 52 CFR 13378, 52 CFR 21152

No.	RQ(lbs.)	TPQ(lbs.)	SEC.313	313 CAT.	311/312
	(*1)	(*2)	(*3)	(*4)	(*5)
1	None	Not Listed	Not Listed	None	H1

Other SARA Substance(s) if present are all below the de minimus concentration(s).

*1 = Reportable quantity of extremely hazardous substance, Sec. 302

*2 = Threshold planning quantity, extremely hazardous substance, Sec. 302

*3 = Toxic Chemical, Sec. 313 (Individual Chemical Listed)

*4 = Toxic Release Inventory Form Category Sec. 313 (40 CFR 372.65 C)

*5 = Hazard Category for SARA Sec. 311/312 Reporting

H1 = Immed. (Acute) Health Hazard H2 = Delayed (Chronic) Health Hazard

P3 = Fire Hazard P = 4 Sudden Pressure Release Hazard P = 5 Reactive HAZ.

F. TSCA - 44 CFR 59764

All Components Listed.

G. VOC - SCAQMD Rules

No. Chemical Quantity VP mm HG gms/l. @ 20°C
 NIL

Note: This product does not contain solvents, but may contain ingredients with VP's low enough to be emitted if heated alone. When 2 part resins and hardeners are properly mixed together significant atmospheric emissions.

SECTION V - PHYSICAL DATA

Physical State: Liquid
Color: Amber
Specific Gravity: 1.10
Density: 9.2 lbs./gal.

SECTION VI – FIRE AND EXPLOSION DATA

Flash point:

>200°F (for product or lowest flash point ingredient)

Flammability Classification:

Combustible Class (111B)

Extinguishing Media:

Water fog, dry chemical, carbon dioxide, or foam

Note: Either atmosphere-supply or air-purifying respirators should be available for fire fighters (20 CFR 1910.134).

SECTION VII – HEALTH HAZARD DATA

Effects of Overexposure:

Acute:

Eyes:

Causes severe conjunctival irritation, corneal injury and iritis

Skin:

Irritation may result. May cause skin sensitization.

Inhalation:

Vapors are irritating and may cause tears, burning of nose and throat, coughing, wheezing, nausea and vomiting.

Ingestion:

May cause mouth and throat burns, abdominal pain, nausea, vomiting, weakness, thirst, coma and damage to mucous membranes

Chronic:

Amine vapors may cause liver and kidney injury. Eye, skin or lung disorders may develop or be aggravated by amines.

Emergency and First Aid Procedure:

In case of inhalation:

Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

In case of skin contact:

Wash affected area immediately with large amounts of soap and water. Remove and wash contaminated clothing before reuse. Contact a physician if irritation occurs.

In case of ingestion:

DO NOT induce vomiting. Get medical attention immediately. If victim is conscious, give water or milk to drink to dilute. Never give anything by mouth to an unconscious person.

In case of eye contact:

Immediately flush eyes with large amounts of water for 15 minutes. Get medical attention:

SECTION VIII – REACTIVITY DATA

Stability:

Stable under normal storage conditions. Unstable at elevated temperatures

Incompatibility:

Oxidizing agents, acids, epoxies, aldehydes, ketones, acrylates and organic halides.

Hazardous Decomposition Products:

Carbon monoxide, ammonia, oxides of nitrogen and other unknown organic compounds.

SECTION IX – SPILL OR LEAK PROCEDURE

Steps to be taken in case material is released or spilled:

Avoid contact with material. Persons not wearing proper protective equipment (see Section VIII - Special Protection Information) should be excluded from the area until clean up is complete. Dyke area to prevent spill spreading and scoop up excess to recovery containers. Absorb remnant on noncombustible material such as clay and shovel into containers for disposal.

Waste Disposal Method:

Dispose of waste in accordance with federal, state and local regulations.

SECTION X – SPECIAL PROTECTION INFORMATION

Respiratory Protection:

Not normally necessary unless the material is being used in such a way as to produce mist, vapor, fumes, or smoke in which case NIOSH approved respiratory protection should be used.

Ventilation:

Should be sufficient to control any mist, vapor or fumes produced by processing or handling method. Breathing of vapor must be avoided.

Hand Protection:

Impervious gloves, neoprene or rubber gloves.

Eye Protection:

Splash proof goggles or safety glasses with side shields

Other Protective Equipment:

Clean, body covering clothing and footwear

SECTION XI – SPECIAL PRECAUTIONS

- Avoid skin and eye contact
- Avoid breathing vapor, mist or fumes
- Ensure that all containers are properly labeled to prevent accidental ingestion or improper disposal.
- Reseal partly used containers.
- Wash with soap and water before eating, drinking or using toilet facilities.
- Store under cool, dry conditions and away from open flames and high temperatures.
- Observe conditions of good industrial hygiene and safe working practice.

USER'S RESPONSIBILITY

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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