100 INDEPENDENCE MALL WEST PHILADELPHIA, PA. 19106-2399 U.S.A
TELEPHONE (215)592-3000 TELECOPIER (215)592-3377

atohaas

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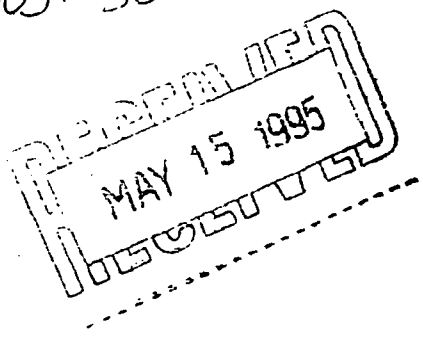

COMCO PLASTICS INC
1002 ANDOVER PARK EAST

May 8, 1995

SEATTLE WA 981880000

Dear AtoHaas Company Customer:

We are pleased to provide you with material safety data sheet(s) (MSDS) for the following AtoHaas product(s) which you recently ordered:

1490M PLEXIGLAS MC Acrylic Sheet

These MSDS are being provided you in accord with the OSHA Hazard Communication Standard or state regulations. However, you may note that not all our products are considered hazardous under the Standard. Nevertheless, these MSDS provide you and your employees important information concerning the safe handling, use, and disposal of these products.

We also wish to inform you that you may be required to submit this MSDS and others that you receive to state and local emergency response organizations (SERC and LEPC) and to your local fire department. This requirement stems from the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA). In addition, you may be covered by other parts of the law, depending on which chemicals and the amount of the chemicals that you have at your facility. EPCRA includes the following basic requirements for facility operators:

Facilities that manufacture, process and use hazardous substances listed by the Environmental Protection Agency (EPA) in excess of designated quantities must:

* Provide emergency notification of releases;
* Submit inventory forms to the SERC, LEPC, and local fire department;
* Submit emissions information to EPA and SERC; and
* Pay stiff penalties for noncompliance.

Your facility may be subject to EPCRA if the chemical for which the attached MSDS was prepared is OSHA hazardous and is present at your facility in excess of quantities specified by the law. You may learn more about these requirements by calling the EPA Hotline 800-535-0202.

By means of the AtoHaas automated MSDS distribution system, you will receive new MSDS for these products if there are any revisions within the next year. You will also receive fresh copies of these MSDS annually if you are a

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regular purchaser of these products.

Initially, these MSDS are being sent to both the "bill to" and "ship to" addresses if they are different. It is important that these MSDS are made available to all those who handle or use these products. We wish to help you in this task. If there are specific individuals in your organization who are in a better position to provide effective hazard communication as required under the OSHA Standard, please send me their address information. Subsequent mailings will include these individuals.

We appreciate your business and continue to strive to provide you with high quality products and effective information for their safe use.

Very truly yours,

Bruce D. Anson

Regulatory and Standards Manager
Plastics North America

BDA:
(APR89)
CI34781

atohaas AtoHaas North America Inc.
100 Independence Mall West
Philadelphia, Pa 19106-2399

HEALTH EMERGENCY : 215-592-3000
SPILL EMERGENCY : 215-592-3000
CHEMTREC : 800-424-9300

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

PLEXIGLAS® MC Acrylic Sheet

Product Code	:	-ALL-
Key	:	898339-9
MSDS Date	:	04/08/93
Supersedes	:	09/06/90

Rohm and Haas Hazard Rating		Scale
Toxicity	1	4 = EXTREME
Fire	1	3 = HIGH
Reactivity	0	2 = MODERATE
Special	-	1 = SLIGHT
		0 = INSIGNIFICANT

COMPONENT INFORMATION

No.		CAS REG NO.	AMT.(%)
1	P(EA/MMA)	9010-88-2	99.5 MINIMUM
2	Methyl methacrylate	80-62-6	<0.5

EMERGENCY RESPONSE INFORMATION

FIRST AID PROCEDURES

Inhalation

If exposed to monomer vapors generated during processing, move subject to fresh air.

Eye Contact

Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.

Skin Contact

Consult a physician if irritation persists.

FIRE FIGHTING INFORMATION

Unusual Hazards

Material as sold is combustible; burns vigorously with intense heat.

Extinguishing Agents

Use the following extinguishing media when fighting fires involving this material:
- carbon dioxide - dry chemical - water spray

CONTINUED

CONTINUATION

Personal Protective Equipment

As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

SPILL OR LEAK HANDLING INFORMATION

Personal Protection

Wear gloves made of the following material:
- cotton, canvas or leather

Additional personal protective equipment should include the following:
- safety glasses (ANSI Z87.1 or approved equivalent)

Procedures

Transfer spilled material to suitable containers for recovery or disposal.

HAZARD INFORMATION

HEALTH EFFECTS FROM OVEREXPOSURE

Primary Routes of Exposure

Inhalation
Eye Contact

Inhalation

Inhalation of monomer vapor from heated product can cause the following:
- irritation of nose, throat, and lungs - dizziness - headache - nausea

Eye and Skin Contact

Monomer vapors from heated product can cause the following:
- irritation

FIRE AND EXPLOSIVE PROPERTIES

Flash Point	Not Applicable
Auto-ignition Temperature	>427°C/>800°F
Lower Explosive Limit	Not Applicable
Upper Explosive Limit	Not Applicable

REACTIVITY INFORMATION

Instability

This material is considered stable. However, avoid temperatures above 260C/500F for prolonged periods to prevent slow decomposition.

Hazardous Decomposition Products

Thermal decomposition may yield acrylic monomers.

Hazardous Polymerization

Product will not undergo polymerization.

Incompatibility

Avoid contact with acids, alkalies and strong oxidizing agents.

ACCIDENT PREVENTION INFORMATION

COMPONENT EXPOSURE INFORMATION

Component Information

No.		CAS REG NO.	AMT.(%)
1	P(EA/MMA)	9010-88-2	99.5 MINIMUM
2	Methyl methacrylate	80-62-6	< 0.5

Exposure Limit Information

Component		ROHM AND HAAS		OSHA		ACGIH	
No.	Units	TWA	STEL	TWA	STEL	TLV	STEL
1		None	None	None	None	None	None
2	ppm	50	75	100	None	100	None
Product:	mg/m3	2 a	6	5 a	None	None	None

a Nuisance Dust

PERSONAL PROTECTION MEASURES

Respiratory Protection

None required if airborne concentrations are maintained below the TWA/TLV's listed in the COMPONENT EXPOSURE INFORMATION Section. When vapors may occur, wear a MSHA/NIOSH approved (or equivalent) half-mask air purifying respirator. Air-purifying respirators should be equipped with organic vapor cartridges.

CONTINUED

CONTINUATION

Eye Protection

Use safety glasses (ANSI Z87.1 or approved equivalent).

Hand Protection

- Cotton, canvas, or leather gloves

FACILITY CONTROL MEASURES

Ventilation

Use local exhaust ventilation with a minimum capture velocity of 150 ft/min. (0.75 m/sec.) at the point of dust or mist evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

STORAGE AND HANDLING INFORMATION

Storage Conditions

This material is not hazardous under normal storage conditions. However, all materials of this type release some monomer vapors or gases when stored for prolonged periods at elevated temperatures. Avoid temperature extremes during storage; ambient temperature preferred.

Handling Procedures

This material can release monomer vapors or gases when heated to high temperatures during processing, cutting or machining. See FACILITY CONTROL MEASURES Section for types of ventilation required. Measurements made under typical stack cutting conditions indicate that saw operators may be overexposed to methyl methacrylate vapors if local exhaust ventilation is not employed. Any dust produced by the cutting of acrylic sheet is considered "nuisance" dust. Worker exposure to dust can be controlled with adequate ventilation, vacuum dust removal at the point of generation, or the use of suitable protective breathing devices.

SUPPLEMENTAL INFORMATION

TYPICAL PHYSICAL PROPERTIES

Appearance	Clear to opaque
Color	Various colors
State	Sheet
Odor Characteristic	Odorless
pH	Not Applicable
Viscosity	Not Applicable
Specific Gravity (Water = 1)	1.19
Vapor Density (Air = 1)	Not Applicable

CONTINUED

CONTINUATION

Vapor Pressure	Not Applicable
Melting Point	Not Applicable
Boiling Point	Not Applicable
Solubility in Water	Not Applicable
Percent Volatility	0
Evaporation Rate (BAc = 1)	Not Applicable

TOXICITY INFORMATION

Acute Data

The information shown in the HEALTH EFFECTS FROM OVEREXPOSURE Section is based on toxicity profiles of similar materials or on the components present in this material.

WASTE DISPOSAL

Procedure

For disposal, incinerate this material at a facility that complies with local, state, and federal regulations.

REGULATORY INFORMATION

WORKPLACE CLASSIFICATIONS

This product as supplied is non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200). Under processing conditions it may become OSHA hazardous due to the potential for overexposure to methyl methacrylate monomer vapors (see STORAGE AND HANDLING INFORMATION Section for recommended handling procedures).

This product is not a 'controlled product' under the Canadian Workplace Hazardous Materials Information System (WHMIS).

TRANSPORTATION CLASSIFICATIONS

US DOT Hazard Class . . . . . NONREGULATED

EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW (SARA TITLE 3)

Section 311/312 Categorizations (40CFR 370)

This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA.

CONTINUED

CONTINUATION

Section 313 Information (40CFR 372)

This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

CERCLA INFORMATION (40CFR 302.4)

Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

RCRA INFORMATION

When a decision is made to discard this material as supplied, it does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

CHEMICAL CONTROL LAW STATUS

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

STATE RIGHT-TO-KNOW LAWS

The following chemicals are listed because of the additional requirements of Pennsylvania law:
- Ethyl acrylate (140-88-5)

CALIFORNIA PROPOSITION 65

This product contains trace levels of a component or components known to the state of California to cause cancer:
- Ethyl acrylate (140-88-5)

PLEXIGLAS® is a trademark of Rohm and Haas Company or one of its subsidiaries or affiliates.

ABBREVIATIONS:
- ACGIH = American Conference of Governmental Industrial Hygienists
- OSHA = Occupational Safety and Health Administration
- TLV = Threshold Limit Value
- PEL = Permissible Exposure Limit
- TWA = Time Weighted Average
- STEL = Short-Term Exposure Limit
- BAc = Butyl acetate

Bar denotes a revision from previous MSDS in this area.

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