SDS - MX Acrylic

General Purpose Acrylic

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND THE SUPPLIER

Product Name: **General Purpose Acrylic**

Product Use: **Used to manufacture glazing, windshields, light diffusers, furniture, signs, displays, safety and barriers, decorating and others**

SECTION 2: HAZARDS IDENTIFICATION

Potential Health Effects:
Under normal conditions of use this product is not expected to create any unusual industrial hazards.

GHS Classification:
Not a hazard substance or mixture

Symbol (S) of Product
None

Signal Word:
Not a hazard substance or mixture

Emergency Overview:
Color: Colorless or colored
Appearance: Sheets
Odor: Odorless

Routes of entry:
Eye contact (if exposed to chips)

Carcinogenicity:
This material is not considered by cancer OSHA

Potential Health Effects:

Inhalation
No hazard expected in normal use.

Eye Contact
No hazard expected in normal use.
Material can cause the following:
-Mechanical irritation

Skin Contact
Material can cause the following:
- Cuts (when using trimmed sheets)

Ingestion
- No hazard expected in normal use.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This material is classified as not hazardous under OSHA regulations.

INGREDIENT	CAS NO.	% WT
Acrylic Copolymer	Trade Secret	98.5 - 99
Process and performance additive	Trade Secret	1.5 - 1

	ppm	mg/m3
OSHA PEL-TWA:	ND	ND
OSHA PEL STEL:	ND	ND
OSHA PEL CEILING:	ND	ND
ACGIH TLV-TWA:	ND	ND
ACGIH TLV STEL:	ND	ND
ACGIH TLV CEILING:	ND	ND

SECTION 4: FIRST-AID MEASURES

EYES: If mechanical irritation occurs flush eyes thoroughly with a large amount of water, consult a physician if irritation persists. (Possible during cutting processes)

SKIN: No specific treatment is necessary since this material is not likely to be hazardous.

INGESTION: Ingestion is not considered a potential route of exposure.

INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, (% BY VOLUME)

UPPER: not applicable
LOWER: not applicable

FLASH POINT: not applicable

AUTOIGNITION TEMPERATURE:
> 752 °F
> 400 °C

EXTINGUISHING MEDIA: Use the following extinguishing media when fighting fires involving this material: water spray - foam - dry chemical - carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. In big fires move away the personnel from the fire. Extinguish with abundant water; use self-container breath equipment. For internal fires, assure to ventilate the area before accessing there.
COMBUSTION'S PRODUCTS HARMFUL FOR HEALTH: Smoke from combustion is toxic, carbon monoxide, mainly.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:
Off cuts, scrap or dust should be collected and disposed if in a safe way. Scrap, is recoverable by recycling. If possible, send it to a recycling machine or to the manufacturer. Review recycling issue with the specialist of environmental care at your facilities.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE PROCEDURE:
Handling should be in stacks using as base the biggest pallet. An area covered by a roof is recommended. Dust creates scratches in the material. Protection of the sheet must be removed until the product is going to be used.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

No Occupational Exposure Values established (ACGIH, OSHA, Canada and Mexico).

VENTILATION: if operations generate dust, use adequate ventilation.
RESPIRATORY PROTECTION: a respiratory protection program meeting OSHA1910.134 and ANSI Z88.2 requirements must be followed whenever work place conditions warrant a respirator's use.
EYE PROTECTION: goggles for machining operations
SKIN PROTECTION: protective gloves against mechanical risks

Other Protective Equipment
To identify additional Personal Protective Equipment(PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Colorless or colored
ODOR:	Odorless
PHYSICAL STATE:	Sheets
pH AS SUPPLIED:	Not applicable
pH (Other):	Not applicable
BOILING POINT:	Not applicable
MELTING POINT:	Not applicable
FREEZING POINT:	Not applicable
VAPOR PRESSURE (mmHg):	Not applicable
VAPOR DENSITY (AIR = 1):	Not applicable
SPECIFIC GRAVITY (H2O = 1):	1.18 g/cm3
EVAPORATION RATE:	Not applicable
SOLUBILITY IN WATER:	None

MAXIMUM TEMPERATURE SERVICE: 176°F

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SECTION 10: STABILITY AND REACTIVITY

X STABLE **UNSTABLE**

STABILITY: This product is stable under normal storage conditions.

CONDITIONS TO AVOID (STABILITY): This material is considered stable.

INCOMPATIBILITY (MATERIAL TO AVOID): Organic Solvents of high polarity. No known incompatibility with other materials.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: In case of thermal decomposition, combustible vapors are formed, which are irritating to eyes and respiratory system, mainly consisting of: methyl methacrylate, ethyl acrylate

HAZARDOUS POLYMERIZATION:

SECTION 11: TOXICOLOGICAL INFORMATION

Not considered to be harmful to human life

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:
Not considered to be harmful to aquatic life

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
The material is recyclable, Review recycling issue with the specialist of environment at your facilities.

SECTION 14: TRANSPORT INFORMATION

Not subject to the regulations on dangerous goods.

SECTION 15: REGULATORY INFORMATION

EINECS (EU) listed or exempted
TSCA (USA) listed or exempted
DSL (CDN) listed or exempted

Meets technical requirements of California State Proposition 65 and RoHs (applied for colorless)

Some solid colors must be verified due to limitations in compliance with these 2 regulations for low phthalates content