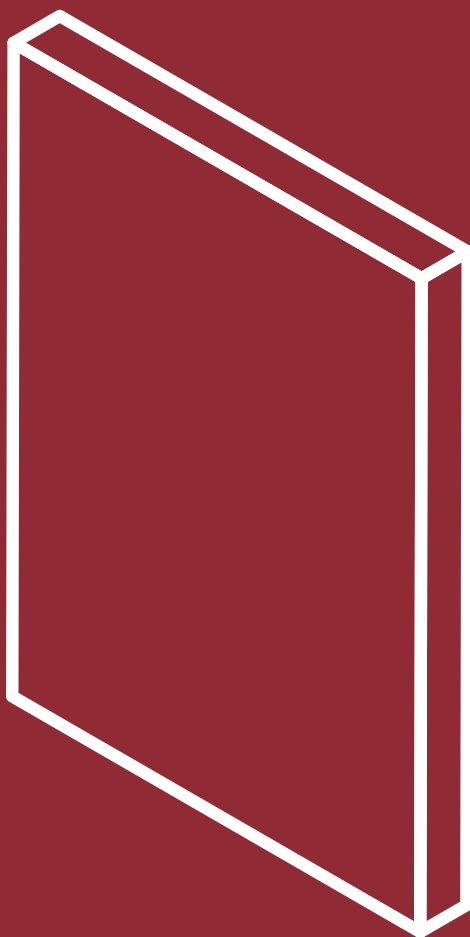


# **CHEMCAST<sup>®</sup>**

The all purpose cell-cast acrylic sheet



# **ACRYLIC SHEET**

## **SAFETY DATA SHEET**

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



PRODUCT NAME: Chemcast General Purpose  
PRODUCT CODES: NA  
MANUFACTURER: Plastiglas de México, S.A. de C.V.  
DIVISION: Acrylics  
ADDRESS: Acueducto del Alto Lerma #8, Zona Industrial,  
Ocoyoacac, Estado de México, C.P. 52740.  
EMERGENCY PHONE: 01 800 002 1400  
CHEMTREC PHONE: (800) 429-9300  
SETIQ PHONE: 01 800 002 1400  
CHEMICAL NAME: Polymethyl Methacrylate  
PRODUCT USE: Used to manufacture glazing, windshields, light diffusers, furniture, signs, displays,  
safety and barriers, decorating and others  
PREPARED BY: Plastiglas de México, S.A. de C.V.

## 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.

## 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/m <sup>3</sup>
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.

## 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.

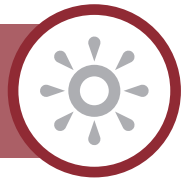
## SECTION 7: HANDLING AND STORAGE



### HANDLING AND STORAGE PROCEDURE:

Handling should be done in stacks, using the largest pallet as the base. 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 CONTROL/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 OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace 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 (H <sub>2</sub> O = 1):	1.18 g/cm <sup>3</sup>
EVAPORATION RATE:	Not applicable
SOLUBILITY IN WATER:	None
MAX TEMPERATURE SERVICE:	176°F

## 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



Not considered to be harmful to human 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

## SECTION 16: OTHER INFORMATION



**PREPARATION INFORMATION:** This SDS was prepared in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)