

# CHEMCAST®

The all purpose cell-cast acrylic sheet

## MATERIAL SAFETY DATA SHEET CHEMCAST ACRYLIC SHEET

### NAME OF MANUFACTURER

#### SECTION 1

NAME OF MANUFACTURER:  
EMERGENCY PHONES:

Plastiglas de México, S.A. de C.V.  
01 52 (722) 279 6800 Ext. 00  
01 (800) 002 1400 SETIQ

ADRESS:

Frente Estación FFCC Maclovio Herrera s/n Ocoyoacac,  
Estado de México, C.P. 52740.

### PRODUCT IDENTIFICATION

#### SECTION 2

PRODUCT NAME:  
CHEMICAL NAME:  
COMMERCIAL NAME:

Chemcast® General Purpose.  
Polymethyl Methacrylate.  
Acrylic sheet and acrylic.

### PRODUCT IDENTIFICATION

#### CLASIFICATION RISKS GRADES

HEALTH 0= Insignificant	FLAMMABILITY 1= Light	REACTIVITY 0= Insignificant	OTHERS 0= Insignificant
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### DANGEROUS INGREDIENTS

#### SECTION 3

INGREDIENT (S)	# CAS	%
Poly Methacrylate	87210-32-0 o 9011-14-7	98-99%
Residual Methyl Methacrylate	00080-62-6	1-2 %

## RISKS IDENTIFICATION

### SECTION 4

- PRECAUTION:

INGESTION:	NA
INHALATION:	Dust can create irritation in respiratory system.
SKIN:	NA
EYES:	NA
CONSEQUENCES OF EXCESSIVE EXPOSITION:	no,any.

## FIRST AID MEASURES

### SECTION 5

INGESTION:	NA
INHALATION:	Move the victim to a fresh air area;move away from dust exposition.
SKIN:	Can create chaps.
EYES:	Discomfort because of the presence of particles in the eye.
CARCINOGENIC DAD:	No.

## FIRE FIGHTING MEASURES

### SECTION 6

- PROCEDUREAND SPECIAL PRECAUTIONS IN FIRE FIGHTING

Move far away as much as possible. Use equipment for self contained breath and wear appropriate protection clothes. 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.



## ACCIDENTAL RELEASE MEASURES

### SECTION 7

#### • DISPOSITION

Off cuts, scrap or dust should be collected and disposed of 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 environment at your facilities.

## HANDLING AND STORAGE

### SECTION 8

Handling should be in stacks using as base the biggest. An area with roof is recommended. Dust creates scratches in the material. Protection of the sheet must be removed until the product is going to be used.

## EXPOSURE CONTROLS AND PERSONAL SAFETY EQUIPMENT

### SECTION 9

Wear clothes that protect body from dust.

Wear eye, face protection, safety spectacles, goggles or full face shield.

Use Safety shoes with protection at toe cap.

## PHYSICAL AND CHEMICAL PROPERTIES

### SECTION 10

TEMPERATURE OF FUSION ( °C):	> 280
TEMPERATURE OF EBULLITION ( °C):	----
TEMPERATURE OF INFLAMMATION ( °C):	----
TEMPERATURE OF AUTO IGNITION ( °C):	----
RELATIVE DENSITY (WATER = 1):	1.18 g/cm <sup>3</sup>
VAPOR DENSITY (AIR = 1):	----

## PHYSICAL AND CHEMICAL PROPERTIES

SOLUBILITY IN WATER:	No reaction.
MOLECULAR WEIGHT:	----
PHYSICAL APPEARANCE:	Solid.
COLOR:	No color.
ODOR:	No odor.
PERCENTAGE OF VOLATILITY:	0%.
SOLUBILITY IN WATER:	0 gr/100 mL of water.
EVAPORATION VELOCITY (BUTYL ACETATE = 1):	----
VAPOR PRESSURE (mmHg at 20 °C):	----

## STABILITY AND REACTIVITY

### SECTION 11

STABILITY:	Stable at normal conditions.
CONDITIONS TO PREVENT INSTABILITY	Heat above 570°F; 298 °C.
INCOMPATIBLE MATERIALS	Strong Acids and oxidizing agents.
DECOMPOSITION OF DANGEROUS COMPONENTS:	Corrosive and toxic smoke.
DANGEROUS POLYMERIZATION:	No.

## TOXICOLOGICAL INFORMATION

### SECTION 12

N/A

## ECOLOGICAL INFORMATION

### SECTION 13

The material is not a contaminant for water or air. Material is not biodegradable for ground.

## DISPOSAL CONSIDERATIONS

### SECTION 14

#### • DISPOSITION

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

## TRANSPORT INFORMATION

### SECTION 15

Not classified as dangerous for transport.

## REGULATION INFORMATION

### SECTION 16

Is not a dangerous material.

## RISKS

### SECTION 17

Follow up to the recommendations given in this material safety data sheet makes that risk for Pre Polymer of Methyl Methacrylate be: LOW.

## REFERENCES

### SECTION 18

MADE IN:	March, 1993.
REVISION NUMBER:	5
LAST REVISION:	August 2013
PERSON IN CHARGE:	MASH specialist



Plastiglas de México, S.A. de C.V. has prepared a material safety data sheet that considers appropriate for product handling.

This document is only a safety data sheet and does not consider all the possible situations. Therefore any other condition of usage and application will be responsibility of the user.

For additional information and/or particular conditions please contact to Plastiglas de Mexico 52 (722) 279 6800 Ext. 00.