



SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Cast Acrylic Solid Sheets and Blocks

Other name(s): Cast Acrylic sheet; Cast Polymethyl methacrylate;

Recommended Use of the Chemical and Restrictions on Use Building glazing, light advertising, furniture, displays, decoration, industrial use and accessories.

MANUFACTURED FOR:

**Aristech Surfaces LLC
7350 Empire Dr.
Florence, KY 41042**

CONTACT INFORMATION

Email: info@aristechsurfaces.com

Emergency Phone: (859)- 283-1501 (8AM- 5PM Mon-Fri)
CHEMTREC-(800)- 424-9300 (Off-Hour Emergencies); CCN 1676

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Please ensure you refer to the limitations of this Safety Data Sheet as set out in the "Other Information" section at the end of this Data Sheet.

2. HAZARDS IDENTIFICATION

No hazards known

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Hazard Codes
Poly (methyl methacrylate)	9011-14-7	>90%	-

4. FIRST AID MEASURES

Eye contact	If mechanical irritation occurs flush eyes thoroughly with a large amount of water, consult a physician if irritation persists. (possible during machining processes)
Skin contact	No specific treatment is necessary since this material is not likely to be hazardous.
Inhalation	No specific treatment is necessary since this material is not likely to be hazardous by inhalation.
Ingestion	Ingestion is not considered a potential route of exposure

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

Not Suitable Extinguishing Media:

Full water jet

Special protective equipment and precautions for fire-fighters:

On burning will emit toxic fumes, including those of methyl methacrylate, and trace of acrolein. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapor or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures/Environmental precautions:

If contamination of sewers or waterways has occurred, take up mechanically. Dispose of in accordance with regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:

During thermal processing and/or machining local exhaust ventilation at processing machines is necessary.

Conditions for safe storage, including any incompatibilities:

Store in a cool, well ventilated place. Store below 40°C. Store vertically on A-frames.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: No value assigned for this specific material

Appropriate engineering controls:

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Sheet
Colour:	Colourless or Coloured
Odour:	Odourless
Solubility:	Insoluble in water.
Specific Gravity:	1.19
Relative Vapour Density (air=1):	Not applicable
Vapour Pressure (20 °C):	Not applicable
Flash Point (°C):	>250
Flammability Limits (%):	Not applicable
Autoignition Temperature (°C):	421
Melting Point/Range (°C):	>85 (Softening point)
Decomposition Point (°C):	>=200
pH:	Not applicable

10. STABILITY AND REACTIVITY

Reactivity:	No information available.
Chemical stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of hazardous reactions:	None known.
Conditions to avoid:	Do not expose to temperatures above 200°C.
Incompatible materials:	None known.
Hazardous decomposition products	Methyl methacrylate. Acrolein.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	No adverse effects expected, however, large amounts may cause nausea and vomiting.
Eye contact:	May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes. Sharp off-cuts may cause eye damage.
Skin contact:	Contact with skin may result in irritation. Sharp edges may cause cuts.
Inhalation:	Breathing in dust may result in respiratory irritation.
Acute toxicity:	No LD50 data available for the product.
Respiratory or skin sensitisation:	No information available.

Chronic effects: No chronic effects reported.

Aspiration hazard: Not applicable.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Avoid contaminating waterways.
Persistence/degradability:	The material is not readily biodegradable. Bio
accumulative potential:	This product shows a low bioaccumulation potential.
Mobility in soil:	Low mobility in soil.

13. DISPOSAL CONSIDERATIONS

Disposal methods:

Refer to Waste Management Authority. Normally suitable for disposal at approved land waste site. Normally suitable for incineration by an approved agent.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

15. REGULATORY INFORMATION

Classification:

Based on available information, not classified as hazardous
; NON-HAZARDOUS CHEMICAL.

Poisons Schedule (REACH-EU): preregistered, registered or exempted.

16. OTHER INFORMATION

Supplier Safety Data Sheet; 04/ 2019.

This safety data sheet has been prepared in accordance with regulation (EC) 1907/2006

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