

Safety Data Sheet



OP3 Sheet

1. Product details

Usage:	Plastic sheet products
Chemical characterization:	100% Acrylic Copolymer

2. Hazards identification

This material is classified as not hazardous under OSHA regulations. Under normal conditions of use, this product is not expected to create any unusual industrial hazards. Irritating gases/fumes may be given off during burning or thermal decomposition. Contact with hot material will cause thermal burns.

3. First aid measures

Inhalation:	No specific treatment is necessary since this material is not likely to be hazardous by inhalation.
Skin contact:	No specific treatment is necessary since this material is not likely to be hazardous by inhalation.
Eye contact:	Flush eyes with plenty of water for at least 15 minutes. Call a physician.
Ingestion:	Low oral toxicity. Do not induce vomiting. Rinse mouth.

4. Fire – fighting measures

Suitable extinguishing measures:	Water spray, foam, dry chemical, carbon dioxide.
Specific fire hazards:	In case of fire partly flammable, partly harmful vapors, which are irritating to the eyes and respiratory system, may be formed on thermal decomposition.
Special protective equipment & precaution for fire fighters:	Wear a self-contained breathing apparatus and full protective gear.

5. Accidental release measures

Personal precaution:	Wear personal protective equipment. Do not breathe dust.
Environmental precaution:	Do not release into the environment.
Methods for cleaning up:	Avoid generation of dust. Remove all sources of ignition. Sweep or scoop up into closed containers for disposal.

Safety Data Sheet



6. Handling and storage

Max. storage temperature:	Not available.
Handling:	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. Avoid dust formation. During thermal processing and/or machining local exhaust ventilation at processing machines is necessary. Take action to prevent static discharges. In the event of fire, cool the endangered product with water.
Storage:	Keep away from heat. Store vertically on A-frames. Indefinite storage life under specified storage conditions.

7. Exposure control

Exposure limits:	None of the components have assigned exposure limits.
Ventilation measures:	Provide good ventilation and/or an exhaust system in the work area.
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. If used in accordance with the regulations: No particular protective equipment required. dust mask may be required for machining operations
Hand protection:	Canvas or cotton gloves.
Eye protection:	Safety glasses with side shields (ANSI Z87.1 equivalent).
Skin & body protection:	Wear suitable protective clothing and boots.

8. Physical and chemical properties

Physical state:	Solid sheets
Color:	Various
Odor:	Not applicable
pH:	Not applicable
Melting point:	Approx. 100°C/210°F
Boiling point:	Not applicable
Decomposition temperature:	Not applicable. Depolymerization begins at 250°C/482°F.
Flash point:	Not available

Safety Data Sheet



Auto-ignition temperature:	Not available
Explosion limits:	Not applicable
Evaporation rate:	Not applicable
Vapor pressure:	Not applicable
Vapor density:	Not applicable
Density:	1.20 g/cm ³
Solubility:	Insoluble

9. Stability and reactivity

Stability:	See section "Possibility of hazardous reactions"
Conditions to avoid:	Protect from excessive heat. Keep away from sources of ignition and heat. Avoid dust formation.
Materials to avoid:	None under normal conditions of use.
Hazardous decomposition products:	No hazardous decomposition products known.

10. Toxicological information

This product should not be harmful under normal conditions of use.

Inhalation:	Unlikely to be harmful by inhalation under ambient temperature. At high temperature, products of thermal decomposition can be irritating to the respiratory system.
Skin contact:	Not a skin sensitizer, and is non-irritating to skin under ambient temperature. At high temperature, contact with the product can cause serious burns.
Ingestion:	Unlikely to be harmful by ingestion under ambient temperature.
Eye contact:	Relevant route of exposure. Wear protective apparatus.

11. Ecological information

This product is a solid, inert product with low volatility, and is essentially insoluble in water.

Ecotoxicity:	This product should have low toxicity to aquatic and terrestrial organisms.
Mobility:	Due to the solid nature of this product, it should have low mobility in soil.

Safety Data Sheet



Persistence & degradability:	This product is non-biodegradable.
Bioaccumulation:	This solid product has a low potential for bioaccumulation.
Effect in sewage plants:	May be separated mechanically.

12. Disposal considerations

Waste disposal should be in accordance with all federal, state, and local environmental laws and regulations.

13. Transport information

Not subject to national and international regulations on the transport of dangerous goods.

14. Regulatory information

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	None present or none present in regulated quantities.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	None present or none present in regulated quantities.
CERCLA Section 304 Hazardous Substances:	None present or none present in regulated quantities.
SARA Section 313 Toxic Chemicals (40 CFR 372.65)	None present or none present in regulated quantities.
Clean Air Act Section 112 (40 CFR 68.130)	None present or none present in regulated quantities.
Clean Water Act Section 311 (40 CFR 117.3)	None present or none present in regulated quantities.
California Proposition 65:	No ingredient requiring a warning under CA Prop 65.

15. Other information

SDS Prepared by: A&C Plastics

The information presented herein is believed to be factual and reliable. It is offered in good faith, but without guarantee, since conditions and methods for the use of our products are beyond our control. We recommend that the prospective user determine the suitability of our products and these suggestions before adopting them on a commercial scale.