



Innovations

60 HAZELWOOD DRIVE
CHAMPAIGN, IL 61820

AROMATIC THERMOSETTING POLYESTER (ATSP)

MATERIALS SAFETY DATA SHEET

I. PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Aromatic Thermosetting Polyester (ATSP)

MANUFACTURER: ATSP Innovations
60 Hazelwood Dr
Champaign, IL 61822
(217) 778-4400

II. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS NUMBER</u>	<u>WEIGHT %</u>
Cross-linked aromatic co-polyester	Not Yet Established	100

III. PHYSICAL AND CHEMICAL PROPERTIES

CHEMICAL FAMILY: Aromatic Polyester

APPEARANCE: Very light khaki-colored powder.

ODOR: Odorless

BOILING POINT: N/A

MELTING POINT: N/A

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY: 1.33

PERCENT VOLATILES: Negligible

pH: N/A

MOLECULAR WEIGHT: Cross-linked

IV. STABILITY AND REACTIVITY

STABILITY: Stable at normal conditions for storage and temperature

INCOMPATIBILITY: Concentrated sulfuric acid

AVOID: Contact with concentrated sulfuric acid

DECOMPOSITION PRODUCTS: May be hazardous, includes carbon monoxide and carbon dioxide

HAZARDOUS POLYMERIZATION: N/A

V. HAZARDS IDENTIFICATION

ACUTE OR IMMEDIATE EFFECTS

TARGET ORGANS: Skin, eyes, respiratory tract

INHALATION: Powder may cause irritation

EYE CONTACT: Powder may cause irritation

SKIN CONTACT: Powder may cause irritation. Contact with hot polymer may cause burns

INGESTION: Powder may cause irritation and result in vomiting, diarrhea

LONG TERM DELAYED EFFECTS: None known for this class of polymer

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
May aggravate pre-existing skin and respiratory issues

VI. FIRST AID MEASURES

INHALATION: Move effected person to fresh air. If irritation persists seek medical attention

EYES: Flush with copious water for at least 15 minutes. Ensure eyelids are not closed. Do not rub eyes. If irritation persists seek medical attention

SKIN: Remove contaminated clothing. Wash effected area thoroughly with soap and water. If irritation persists seek medical attention

INGESTION: Do not induce vomiting. Drink plenty of water. Seek medical attention if irritation, nausea, pain, diarrhea, or vomiting is experienced

VII. TOXICOLOGICAL INFORMATION

None available

VIII. EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE GUIDELINES

Cross-linked aromatic co-polyester	5mg/m ³ as respiratory dust by OSHA standards
PLANT CONTROLS:	Ventilation and engineering controls can minimize exposure
RESPIRATORY PROTECTION:	Wear respiratory if irritation is experienced or exposure limits are exceeded.
SKIN PROTECTION:	Wear regularly cleaned clothing. Use good personal and workspace hygiene. Wear gloves to prevent unnecessary skin contact.
EYE PROTECTION:	On-site eyewashing facilities with training as to their use. Wear safety glasses or chemical goggles to prevent exposure. Do not wear contact lenses.

IX. FIREFIGHTING MEASURES:

FLASHPOINT:	N/A
AUTOIGNITION TEMPERATURE:	N/A
EXTINGUISHING MEDIA:	Material itself does not conventionally burn in ambient air and requires an atmosphere relatively enriched in oxygen as established by ASTM D2863. Choose extinguishing media appropriate for surrounding materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition products may be hazardous.

X. ACCIDENTAL RELEASE MEASURES

SPILL OR RELEASE: Clean up by vacuuming

XI. DISPOSAL CONSIDERATIONS:

DISPOSAL: Disposal must conform to federal, state, regional, provincial, or local regulations of waste.

EMPTY CONTAINERS: May contain unused powder. Do not reuse.

XII. DISCLAIMER