



AMERICAN PLASTICS

800-772-7401

Material Safety Data Sheet

SUPPLIER NAME:	AMERICAN PLASTICS (800)772-7401 525 113th STREET ARLINGTON, TX 76011
COMMERICAL PRODUCT NAME:	CLEAR CO-POLYESTER (aka DURR-PLEX, DIACLEAR, PETG, THERMOCHECK AND VIVAK®)
Typical Uses:	Sheet for Thermoforming
CHEMICAL CONSTITUTION OF PRODUCT:	Co-Polyester
PHYSICAL PROPERTIES:	
Boiling Point:	N/A
Vapor Density (AIR = 1):	N/A
Vapor Pressure (mm Hg):	N/A
pH:	N/A
Solubility in Water:	Negligible
Melting Point:	>212° F (100° C)
Specific Gravity (Water = 1):	>1
% Volatile (Vol.):	Trace
Evaporation Rate:	N/A
Viscosity:	N/A
Form:	Solid Pellets or Powdery Solids
Appearance:	Sheets
Color:	Clear
Odor:	Slight odor
STORAGE AND HANDLING:	
Precautions During Storage and Handling:	This product may react with strong oxidizing agents so should not be stored near them. Care should be taken to avoid sharp edges if material is chipped or broken. Store at ambient temperatures. (Maximum of 180°F or 82° C.) Minimize dust generation and accumulation. Use normal room ventilation for storage.
Hazardous Combustion and Decomposition Products:	Hazardous products of combustion are carbon dioxide and carbon monoxide. Incompatible with strong oxidizing agents. Hazardous polymeri-zation will not occur.
Disposal Procedures:	Incinerate or landfill in accordance with local, state and federal regulations.
Individual Preventive Measures:	This material is a solid co-polyester in sheet form and is not hazardous in normal storage and handling; however, all co-polyester materials release some vapors or gases at high tempera-tures. Cutting and machining the material can also produce high localized temperatures. Eye Contact: Low hazard for usual industrial or commer-cial handling by trained personnel. However, it is recom-mended that protective eye wear with side shields be worn.



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CLEAR CO-POLYESTER MSDS CONTINUED

Individual Preventive Measures (Continued):

Skin Contact: Heated material can cause thermal burns. Use of protective gloves/ clothing is good practice.
Inhalation: Low hazard for usual industrial or commercial handling by trained personnel. During processing, use exhaust ventilation to control vapors and gases.
Ingestion: No significant health hazards identified.

IGNITION AND EXPLOSION:

Flash Point:

N/A combustible solid

Auto-Ignition Temperature:

454°C (849°F) ASTM E659

Special Fire, Explosion Hazard:

Product is a combustible thermoplastic resin. Fire can produce toxic products: carbon dioxide, carbon monoxide. Stable.

Stability Considerations:

Water spray or dry chemical.

Extinguishing Media:

Special Fire Fighting Instructions:

Wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH-approved or equivalent and full protective gear.

FIRST AID PROCEDURES:

Eye: Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms persist.

Skin: If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin. Get medical attention.

Inhalation: Move subject to fresh air & get medical attention.

Ingestion: Material is not expected to be absorbed from gastrointestinal tract. Do not induce vomiting. If problems persist, seek medical attention.

ENVIRONMENT PROTECTION:

To be disposed of in accordance with the appropriate legislation.

SPECIFIC DATA:

Transport: not regulated.