

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME: C-Flex[®] Thermoplastic Elastomer **TYPE:** All types
CHEMICAL NAME: Polymeric compound based on hydrogenated styrene/isoprene-butadiene/styrene block copolymer.
CHEMICAL FAMILY: Synthetic thermoplastic elastomer (TPE)
MANUFACTURER: Consolidated Polymer Technologies, Inc.
ADDRESS: 4451 110th Avenue North, Clearwater, Florida 33762
FOR INFORMATION ON HEALTH HAZARDS CALL: (727) 431-4191
FOR OTHER INFORMATION CALL: (727) 431-4191
INFORMATION EFFECTIVE AS OF: November 1, 2001

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

PRINCIPAL HAZARDOUS COMPONENT(S)	%	TLV UNITS
None		

SECTION III PHYSICAL DATA

BOILING POINT (°F): Not Applicable **SPECIFIC GRAVITY (H₂O=1):** 0.90
VAPOR PRESSURE (mm HG.): Not Applicable **PERCENT VOLATILE BY VOLUME:** <1%
VAPOR DENSITY (AIR=1): Not Applicable **EVAPORATION RATE:** Not Applicable
SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: Natural color pellets or chopped pieces, essentially odorless

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): 455°F (ASTM D92)
FLAMMABLE LIMITS: Not Applicable
EXTINGUISHING MEDIA: Water, Fog, Foam, Dry Chemical or CO₂
SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined fire space without full bunker gear, which includes a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: None Established
EFFECTS OF OVEREXPOSURE: None known
EMERGENCY AND FIRST AID PROCEDURES: SKIN CONTACT - Treat as ordinary burn if molten product contacts skin.

SECTION VI REACTIVITY DATA

STABILITY: UNSTABLE STABLE XX
CONDITIONS TO AVOID: none
INCOMPATIBILITY (Materials to avoid): strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS: carbon monoxide and dioxide, methane, propane, acrolein, acids, ketones, and aldehydes may be evolved during thermal degradation.
HAZARDOUS POLYMERIZATION: May Occur Will Not Occur XX

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep or pick up with industrial vacuum
WASTE DISPOSAL METHOD: Dispose of in compliance with local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type): None required during normal processing

VENTILATION: Ventilation may be required to control mild fumes normally evolved during thermoplastic processing.

PROTECTIVE GLOVES: Insulated gloves are recommended during hot assembly of equipment, etc.

EYE PROTECTION: Recommended as in any normal thermoplastic processing.

OTHER PROTECTIVE EQUIPMENT: None required

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: In processing, do not allow temperature to exceed 550°F. Product can accumulate static charge during handling; equipment should be well grounded to avoid sparks.

OTHER PRECAUTIONS: None

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