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

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.