SECTION VI. REACTIVITY DATA

STABILITY: UNSTABLE STABLE CONDITIONS TO AVOID
X Temperatures above 508°C

INCOMPATIBILITY (materials to avoid): None

HAZARDOUS DECOMPOSITION PRODUCTS: Trace amounts of styrene, acrylonitrile

HAZARDOUS MAY OCCUR CONDITIONS TO AVOID:

POLYMERIZATION: WILL NOT OCCUR Temperatures above 508°C

SECTION VII. SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Gather up for disposal.

WASTE DISPOSAL METHOD: Landfill, recycle or incinerate

DISPOSE OF BY MEANS AS TO COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS OR CONTACT AN APPROVED AND LICENSED DISPOSAL AGENCY.

SECTION VIII. PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): None required

VENTILATION: LOCAL X SPECIAL
Not required MECHANICAL OTHER

PROTECTIVE GLOVES: Not required EYE PROTECTION: Safety Glasses

OTHER PROTECTIVE EQUIPMENT: Not required

SECTION IX. HANDLING AND STORAGE PRECAUTIONS

STORAGE AND HANDLING: dry place away from heat, sources of ignition and food.

SECTION X. MISCELLANEOUS INFORMATION

INFORMATION FURNISHED BY: Roger L. Blaine TITLE: Manager, Applications Development

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DATE: 7/23/97 P/N 901148.001 REV B
MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT
CHEMICAL NAME: ABS
FORMULA: Acrylonitrile-butadiene-styrene terpolymer
SYNONYM OR CROSS REFERENCE: CYCOLAC (r) reg. GE Plastics

SECTION II. HAZARDOUS INGREDIENTS
MATERIAL: Styrene monomer
NATURE OF HAZARD: Residual monomer

SECTION III. PHYSICAL DATA
BOILING POINT: Not applicable
MELTING POINT: 150°C, softens
VAPOUR PRESSURE (mm Hg): Negligible
SPECIFIC GRAVITY: Over 1 (water=1)
VAPOUR DENSITY (AIR = 1): Not applicable
PERCENTAGE VOLATILE BY VOLUME (%): Negligible
WATER SOLUBILITY: Insoluble
EVAPORATION RATE: Negligible
APPEARANCE: Solid bar, slight odor, beige in color.

SECTION IV. FIRE AND EXPLOSION HAZARD DATA
FLASH POINT (°F): Not applicable
FLAMMABLE LIMITS: Not established
Uel | Lel
---|---
NA | NA
FIRE EXTINGUISHING MEDIA: Water spray or foam, dry chemical and carbon dioxide are not recommended
SPECIAL FIRE-FIGHTING PROCEDURES: Water is the preferred fire-fighting media, it cools the polymer.

SECTION V. HEALTH HAZARD
THRESHOLD LIMIT VALUE: Oral LD50 (Rat) over 5 g/kg, estimated
HEALTH HAZARDS: Vapors of residual styrene monomer (0.4%). Combustion products may include dense black smoke, carbon monoxide, hydrogen cyanide, hydrocarbon fragments and carbon dioxide.
FIRST AID PROCEDURES: Leave area. If coughing or difficult breathing seek medical attention.