



CORPORATE OFFICES
 P.O. BOX 5439 580 EAST FRONT ST.
 WINONA, MINNESOTA 55987-0439
 (507) 454-6900 FAX (507) 454-2089

**MATERIAL SAFETY
 DATA SHEET**

AJR POLYTRON INC. _____
 465 PIKE ROAD, UNIT 115

 HUNTINGTON VALLEY PA 19006

 ATTN: MSDS COORDINATOR

For Customer: 100131 - AJR POLYTRON INC.
 Page: 1

Printed: 07/02/03
 Revised: 05/09/00

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: ESD 0300 EM BLACK
 CAS NUMBER: MIXTURE
 EC NUMBER: MIXTURE

MANUFACTURER: RTP COMPANY
 580 EAST FRONT STREET
 WINONA MN 55987

Information Phone: 1-507-454-6900
 Emergency Phone: 1-507-454-6900

PREPARED BY: MARI MUELLER
 DAVID SCHNEIDER

MSDS Coordinator
 MSDS Manager

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT CLASS: POLYCARBONATE

CHEMICAL NAME AND SYNONYMS: Polycarbonate, poly(bisphenol-A carbonate), PC

HAZARDOUS
 INGREDIENTS

| CAS # | WEIGHT % | EXPOSURE LIMITS ACGIH/TLV | OSHA/PEL | VP mmHG |
|-------|----------|------------------------------|----------|------------|
|-------|----------|------------------------------|----------|------------|

*** All components of this product are either listed on or exempt from listing on the TSCA inventory.

(No hazardous ingredients known at this time.)



CORPORATE OFFICES
P.O. BOX 5439 580 EAST FRONT ST.
WINONA, MINNESOTA 55987-0439
(507) 454-6900 FAX (507) 454-2089

MATERIAL SAFETY DATA SHEET

Page: 2

Data Sheet for: ESD 0300 EM BLACK

SECTION III - HAZARDS IDENTIFICATION

HAZARD RATINGS: Health: 0 Fire: 1 Reactivity: 0 PPI: A

PERMISSIBLE EXPOSURE LEVEL:

This is a polymeric compound. All ingredients are encapsulated by the polymer and present no likelihood of exposure under normal conditions of processing and handling.

EFFECTS OF OVEREXPOSURE:

ACUTE OR IMMEDIATE EFFECTS:

INGESTION: Not a probable route of exposure.

SKIN: Pellets are not likely to cause irritation.

Contact with molten material may cause thermal burns.

Processing fumes may cause irritation.

EYE: Solid/dust may cause irritation due to mechanical action.

Processing fumes may cause irritation.

INHALATION: Processing fumes may cause irritation to the respiratory tract.

CHRONIC EFFECTS: None known for this compound.

SECTION IV - FIRST AID MEASURES

FIRST AID:

EYES: Flush with water. Consult physician if symptoms persist.

SKIN: Wash with soap and water. For thermal burns, immediately flush with cold water. Do not attempt to remove polymer from skin. Obtain medical attention.

INHALATION: Leave exposed area and seek fresh air. If irritation persists seek medical attention.

SECTION V - FIREFIGHTING MEASURES

FLAMMABILITY CLASS: 1 FLASH POINT: None LEL: None UEL: None

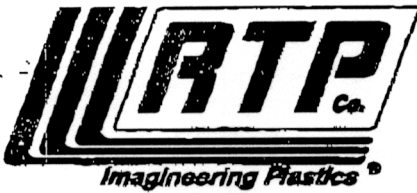
EXTINGUISHING MEDIA:

Water spray and foam. Water spray is preferred.

Dry chemical and CO2 are not generally recommended due to their lack of cooling capacity which may allow re-ignition.

SPECIAL FIREFIGHTING PROCEDURES:

Persons exposed to products of combustion should wear NIOSH approved self contained breathing apparatus and full protective equipment.



CORPORATE OFFICES
P.O. BOX 5439 580 EAST FRONT ST.
WINONA, MINNESOTA 55987-0439
(507) 454-6900 FAX (507) 454-2089

MATERIAL SAFETY DATA SHEET

Page: 3

Data Sheet for: ESD 0300 EM BLACK

SECTION V - FIREFIGHTING MEASURES (cont.)

UNUSUAL FIRE & EXPLOSION HAZARDS:

This compound has no unusual fire or explosion hazards

SECTION VI - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Spilled pellets may cause a slipping hazard. Sweep area as needed.

SECTION VII - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a dry, sprinkler equipped warehouse.
Product as shipped is not a combustible dust. Mechanical handling can cause the formation of dusts. To reduce the risk for dust explosion do not permit dust to accumulate.

OTHER PRECAUTIONS:

Proper purging and shut down procedures should be followed to avoid overheating of this compound.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION

A NIOSH approved respirator is recommended for protection against processing fumes or iron dust generated from grinding, sanding, or sawing operations.

VENTILATION:

Local exhaust is preferred.

PROTECTIVE GLOVES:

Canvas or cotton gloves are recommended.

EYE PROTECTION:

Safety glasses with side shields are recommended.

OTHER PROTECTIVE EQUIPMENT:

None.



CORPORATE OFFICES
P.O. BOX 5439 580 EAST FRONT ST.
WINONA, MINNESOTA 55987-0439
(507) 454-6900 FAX (507) 454-2089

**MATERIAL SAFETY
DATA SHEET**

Page: 4

Data Sheet for: ESD 0300 EM BLACK

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: None
EVAP. RATE: Unavailable

VAPOR DENSITY: Non Volatile
SPECIFIC GRAVITY: 1.21

VOLATILES: volume %: N/AP weight %: N/AP

APPEARANCE: Cylindrical Pellets No Odor

SECTION X - STABILITY AND REACTIVITY

STABILITY: Unstable Stable
HAZARDOUS POLYMERIZATION: May Occur Will Not Occur

INCOMPATIBILITY:

Strong oxidizing agents.

CONDITIONS TO AVOID:

Temperatures above 380 C (716 F).

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide, methane, phenol derivatives,
bisphenol A, diarylcarbonates, aliphatic and aromatic
hydrocarbons, aldehydes, acids.

SECTION XI - TOXICOLOGICAL INFORMATION

TOXICITY DATA:

No specific toxicological information is available.

SECTION XII - ECOLOGICAL INFORMATION

ECOTOXICITY:

No specific ecological information is available. This material
is considered to be non-biodegradable.

