

**MATERIAL SAFETY DATA SHEET
THE CORTEC CORPORATION
4119 WHITE BEAR PARKWAY
ST. PAUL, MINNESOTA 55110
PHONE: 612-429-1100 OR TOLL FREE 1-800-4-CORTEC
FAX: 612-429-1122**

EMERGENCY PHONE NO.: CHEMTREC (FOR SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT): 1-800-424-9300 (DAY OR NIGHT)

***** M-138 C *****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **M-138 C**
PRODUCT DESCRIPTION: Powder form additive for synthetic elastomers and natural rubber.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT NAME(S)	WEIGHT (%)	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
Organic salt	12-13	N.E.	675 mg/kg rat
Inorganic salt	31-33	5 mg/m ³ (as nuisance dust)	2810 mg/kg-rat

Carcinogenic: **OSHA** = no **NTP** = no **IARC** = no

SECTION III - PHYSICAL DATA

COLOR: Off-white PHYSICAL FORM: Powder
pH: N.E. NON-VOLATILE (weight): 95-100%
ODOR: Slight BOILING RANGE: N.E.
VAPOR DENSITY: N.E. MELTING RANGE: N.E.
VAPOR PRESSURE: N.E. EVAPORATION RATE: N.A.
WEIGHT GALLON: N.A.

SECTION IV - FIRE AND EXPLOSION DATA

HMS FLAMMABILITY RATING: 0
FLASH POINT: N.E.
FLAMMABLE LIMITS: LEL: N.E. UEL: N.E.
EXTINGUISHING MEDIA: Water, carbon dioxide or other dry chemical fire fighting agents. UNUSUAL FIRE AND EXPLOSION HAZARDS: None. SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus.

SECTION V - HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES:
Eye Contact: Flush eyes with water for at least 15 minutes. Consult a physician. Skin Contact: Wash affected area with soap and water. If irritation persists, consult a physician. Inhalation: Remove to an uncontaminated area, administer oxygen if necessary. If victim has stopped breathing begin CPR. Get medical attention. Ingestion: If swallowed, give water or milk and induce vomiting. Get immediate medical attention.
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known
PRIMARY ROUTES OF ENTRY: Skin contact
HEALTH HAZARDS (acute and chronic) / EFFECTS OF OVEREXPOSURE:
1. Eye contact may cause mild irritation.

2. Repeated or prolonged contact with skin may produce mild irritation.
3. Inhalation of product vapors is not considered a significant hazard due to the low vapor pressure of the product.
4. Ingestion of large quantities of this product may be harmful.

SECTION VI - REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS (under fire conditions): Oxides of carbon and nitrogen.
INCOMPATIBILITY: Strong acids, alkalis and oxidizing agents.
CONDITIONS TO AVOID: Avoid contact with incompatible materials.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up spilled material for use or disposal.
WASTE DISPOSAL: Dispose of in accordance with existing Federal, State and Local environmental regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: A NIOSH approved dust/mist respirator is recommended.
PROTECTIVE GLOVES: Chemical resistant rubber or plastic.
EYE PROTECTION: Safety goggles.
OTHER PROTECTIVE EQUIPMENT: None.

SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid inhalation of dusts. Avoid eye contact and prolonged skin contact. Workers should wash hands thoroughly with soap and water prior to eating, drinking, smoking or using lavatory.
PRECAUTIONS TO TAKEN IN STORING: Keep containers tightly closed. Store in a cool dry place.

SECTION X - SHIPPING DATA

DOT/IMDG/IATA SHIPPING NAME: N.A.
U.N. / N.A. NUMBER: N.A.
DOT/IMDG/IATA HAZARD CLASS.: N.A.
T.S.C.A. STATUS: Listed
DOT/IMDG/IATA REQUIRED LABELS: N.A.
TECHNICAL SHIPPING NAME: N.A.
FREIGHT CLASS BULK: Same as above
LTL: 70 TL: 40 MW: 30

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DATE PREPARED: 6/23/98 SUPERSEDES: 5/22/98

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N.E. = NOT ESTABLISHED N.A. = NOT APPLICABLE