

3M GENERAL OFFICES -- 3M EC-612 -- 8030-00-878-9520

===== Product Identification =====

Product ID:3M EC-612

MSDS Date:03/29/1989

FSC:8030

NIIN:00-878-9520

MSDS Number: BFTNQ

=== Responsible Party ===

Company Name:3M GENERAL OFFICES

Address:3M CENTER

City:ST PAUL

State:MN

ZIP:55144-1000

Country:US

Info Phone Num:612-733-1110

Emergency Phone Num:612-733-1110

CAGE:1BY21

=== Contractor Identification ===

Company Name:MINNESOTA MINING AND MFG CO, DBA 3M

Address:3M

CENTER BLDG 224-5S-04

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:866-556 5712 / 612-733-1110

CAGE:76381

Company Name:MINNESOTA MINING AND MFG CO ENGINEERING DOCUMENT SYSTEMS  
DIV

Address:3M CTR

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:612-737-4114

CAGE:1BY21

===== Composition/Information on Ingredients =====

Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

Fraction by Wt: 30-40%

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3

Ingred N

ame:ZINC OXIDE  
CAS:1314-13-2  
RTECS #:ZH4810000  
Fraction by Wt: 1-10%  
OSHA PEL:15MG/M3 TDUST/5 FUME  
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:BENZOTHAZOLE, 2,2'-DITHIOBIS-;  
(2,2'-DITHIOBISBENZOTHAZOLE)  
CAS:120-78-5  
RTECS #:DL4550000  
Fraction by Wt: 1-10%

Ingred Name:POLYSULFIDE  
CAS:68611-48-3  
Fraction by Wt: 50-60%

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES  
R  
eports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION ON DIRECT  
CONTACT. SKIN:MAY CAUSE IRRITATION. INHAL:NO ADVERSE HEALTH EFFECTS  
ARE EXPECTED. IGNEST:MAY CAUSE DIGESTIVE SYSTEM IRRITATION.  
Explanation of Carcinogenicity:NOT RELEVANT.  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:INHAL  
:REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE  
OXYGEN/ARTIFICIAL RESPRATION). CALL MD . EYES:FLUSH W/LARGE  
AMOUNTS OF WATER FOR AT LEAST 15 MINS. CALL MD. SKIN:WASH AFFECTED  
AREA W/SOAP & WATER. INGEST:DO NOT INDUCE VOMITING. IMMEDIATELY  
CALL MD OR POISON CONTROL CENTER.

===== Fire Fighting Measures =====

Extinguishing Media:CARBON DIOXIDE, FOAM OR DRY CHEMICALS.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL  
PROTECTIVE EQU

IPMENT .

Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:NOT APPLICABLE (SOLID).

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:FOR INDUSTRIAL & PROFESSIONAL USE ONLY. AVOID EYE & PROLONGED SKIN CONTACT. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

===== Physical/Chemical Properties =====

Spec Gravity:4.46 (H<sub>2</sub>O=1)

Solubility in Water:VERY SLIGHT

Appearance and Odor:BLACK PUTTY, STRONG SULFIDE ODOR

Percent Volatiles by Volume:0

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
NOT APPLICABLE.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
SULFUR DIOXIDE & SMOKE PARTICLES WHEN SUBJECTED TO EXC

ESSIVE HEAT  
OR FLAME.

===== Disposal Considerations =====

Waste Disposal Methods:NOT A HAZARDOUS WASTE (EPA). MAY BE PLACED IN A  
SANITARY LANDFILL IF LOCAL REGULATIONS PERMIT. CONSULT APPLICABLE  
FEDERAL, STATE & LOCAL REGULATIONS & AUTHORITIES TO DISPOSAL.

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