

3M GENERAL OFFICES -- 62-0612-7345-4, EC-612 -- 8030-00-878-9520

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Product Identification
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Product ID:62-0612-7345-4, EC-612

MSDS Date:11/08/1993

FSC:8030

NIIN:00-878-9520

MSDS Number: CCZCH

=== 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

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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

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Composition/Information on Ingredients
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Ingred Name:POLYSULFIDE

CAS:68611-48-

3

Fraction by Wt: 50-60%

OSHA PEL:N/K

ACGIH TLV:N/K

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 Name:ZINC OXIDE (SARA 313) (CERCLA)

CAS:1314-13-2

RTECS #:ZH4810000

Fraction by Wt: 1-10%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST

Ingred Name:BENZOTHAZOLE, 2,2'-DITHIO BIS-;
(2,2'-DITHIOBISBENZOTHAZOLE)

CAS:120-78-5

RTECS #:DL4550000

Fraction by Wt: 1-10%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:VOLA

TILE ORGANIC COMPOUNDS: NOT APPLICABLE.

RTECS #:9999999VO

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:EYE CONTACT:MODERATE IRRITATION:

SIGNS/SYMPTOMS CAN INCLUDE REDNESS, SWELLING, PAIN, TEARING AND
HAZY VISION. SKIN CONTACT:MILD IRRITATION (AFTER PROLONGED OR
REPEA

TEDE CONTACT): SIGNS/SYMPTOMS CAN INCLUDE REDNESS, SWELLING AND ITCHING. INHALATION:IRRITATION (UPPER RESPIRATORY): SIGNS/SYMPTOMS CAN (EFTS OF OVEREXP)

Explanation of Carcinogenicity:CARBON BLACK:IARC MONOGRAPHS ON EVALUATION OF CARCINOGENIC RISK OF CHEMS TO MAN, VOL 65, PG 24-27, 1994:GROUP 2B.

Effects of Overexposure:HLTH HAZ:INCLUDE SORENESS OF NOSE AND THROAT, COUGHING AND SNEEZING. INGESTION:MAY CAUSE IRRITATION OF GASTROINTESTINAL TISSUES: SIGNS/SYMPTOMS CAN INCLUDE PAIN, VOMITING, ABDOMINAL TENDERNESS, NAUSEA , BLOOD IN VOMITUS AND BLOOD IN FECES.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES:IMMEDIATELY FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. SKIN:FLUSH W/LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHAL:REMO VE PERSON TO FRESH AIR. IF SIGNS/SYMPTOMS CONTINUE, CALL MD. INGEST:DO NOT INDUCE VOMITING. DRINK TWO GLASSES OF WATER. CALL MD.

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

Extinguishing Media:WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:NONE KNOWN.

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

Spill Release Procedures:OBSERVE PRECS FROM OTHER SECTIONS OF THIS MSDS. COLLECT SPILLED MATL. CLEAN UP RESIDUE W/APPROP ORG SOLV. READ & FOLLOW SFTY PRECS ON SOLV LBL & MSDS. PLACE IN APPRVD METAL CNTNR & SEAL. IN EVENT OF UNCONTROLLED RELS OF THIS MATL, USER SHOULD(SUPDAT)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID EYE CONTACT. AVOID PROLONGED OR REPEATED SKIN CONTACT. USE IN WELL-VENTILATED AREA. KEEP CONTAINER CLOSED WHEN NOT IN

USE.

Other Precautions:AVOID INHALATION OF VAPORS CREATED DURING CURE CYCLE.
AVOID INHALATION OF DUST CREATED BY CUTTING, SANDING OR GRINDING.
DO NOT INGEST. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER
TIGHTLY CLOSED.

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

Respiratory Protection:SELECT ONE OF THE FOLLOWING NIOSH APPROVED
RESPIRATORS BASED ON AIRBORNE CONCENTRATION OF CONTAMINANTS & I/A/W
OSHA REGULATIONS: HALF-MASK DUST RESPIRATOR.

Ventilatio

n:PROVIDE APPROP LOC EXHST FOR GRINDING, CUTTING/SANDING
CURED MATL. CURING OVENS MUST BE EXHAUSTED TO OUTDOORS/TO(SUPDAT)

Protective Gloves:POLYETHYLENE/ETHYLENE VINYL (SUPP DATA)

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET
ANSI DESIGN CRITERIA .

Work Hygienic Practices:WASH HANDS AFTER HANDLING & BEFORE EATING.

Supplemental Safety and Health

SPILL PROC:DETERMINE IF RELS QUALIFIES AS REPORTABLE QTY. VENT:SUITA
BLE

EMISSION CONTROL DEVICE. IF EXHST VENT IS NOT ADEQ, USE APPROP
NIOSH APPRVD RESP PROT. PROT GLOVES:ALCOHOL, POLYVINYL ALCOHOL, P
OLYTETRAFLUOROETHYLENE (TEFLON), FLUOROELASTOMER (VITON).

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

Spec Gravity:1.46 (H*2O=1)

Solubility in Water:VERY SLIGHT

Appearance and Odor:BLACK PUTTY; STRONG SULFIDE ODOR.

Percent Volatiles by Volume:0 (WT)

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

Stabilit

y Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:CARBON MONOXIDE & CARBON DIOXIDE,
OXIDES OF SULFUR, ALDEHYDES, KETONES, HYDROCARBONS, OXIDES OF ZINC,
HYDROGEN SULFIDE.

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

Waste Disposal Methods:DISP MUST BE I/A/W FED, STATE & LOC REGS . INCIN
UNCURED WASTE IN INDUS/COMMERCIAL INCIN. DISP OF COMPLETELY CURED
(OR POLYMERIZED) MATL IN SANIT LANDFILL. SINCE REGS VARY, CONSULT
APPLIC REGS/A UTHS

BEFORE DISPOSAL.

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