

3M, INDUSTRIAL TAPE AND SPECIALTIES DIVISION -- EC-612 -- 8030-00-275-8114
===== Product Identification =====

Product ID:EC-612
MSDS Date:08/26/1996
FSC:8030
NIIN:00-275-8114
Status Code:A
MSDS Number: CKXNJ
=== Responsible Party ===
Company Name:3M, INDUSTRIAL TAPE AND SPECIALTIES DIVISION
Address:3M CENTER
City:ST PAUL
State:MN
ZIP:55144-1000
Country:US
Info Phone Num:1-800-364-3577
Emergency
Phone Num:651-737-6501
Resp. Party Other MSDS Num.:10-9670-0
CAGE:52152
=== Contractor Identification ===
Company Name:MINNESOTA MINING & MFG CO INDUSTRIAL TAPE & SPECIALTIES
DIV
Address:3M CENTER
Box:City:ST PAUL
State:MN
ZIP:55144-1000
Country:US
Phone:1-800-364-3577
CAGE:52152

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

Ingred Name:POLYSULFIDE
CAS:68611-48-3
Minumum % Wt:50.
Maxumum % Wt:60.
OSHA PEL:NONE ESTABLISHED
OSHA STEL:NONE ESTABLISHED
ACGIH TLV:NONE ES

TABLISHED
ACGIH STEL:NONE ESTABLISHED

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Minumum % Wt:30.
Maxumum % Wt:40.
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3

Ingred Name:ZINC OXIDE
CAS:1314-13-2
RTECS #:ZH4810000
Minumum % Wt:1.
Maxumum % Wt:10.
OSHA PEL:10 MG/M3 D,5 MG/M3 F
OSHA STEL:10 MG/M3 (AS FUME)
ACGIH TLV:10 MG/M3 D,5 MG/M3 F
ACGIH STEL:10 MG/M3 (AS FUME)

Ingred Name:2,2'-DITHIOBISBENZOTHAZOLE
CAS:120-78-5
RTECS #:DL4550000
Minumum % Wt:1.
Maxumum % Wt:10.
OSHA PEL:NONE EST
ABLISHED
OSHA STEL:NONE ESTABLISHED
ACGIH TLV:NONE ESTABLISHED
ACGIH STEL:NONE ESTABLISHED

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

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

ONTACT): SIGNS/SYMP TOMS CAN INCLUDE REDNESS, SWELLING, AND ITCHING. INHALATION: IRRITATION (UPPER RESPIRATORY): SIGNS/SYMPTOMS CAN INCLUDE SORENESS OF THE NOSE AND THROAT, COUGHING AND SNEEZING. IF SWALLOWED: INGESTION MAY CAUSE: IRRITATION OF GASTROINTESTINAL TISSUES: SIGNS/YMPTOMS CAN INCLUDE PAIN, VOMITING, ABDOMINAL TENDERNESS, NAUSEA, BLOOD IN VOMITUS, AND BLOOD IN FECES.

Explanation of Carcinogenicity:CARBON BLACK: IARC GROUP 2B, VOL 65, P. 149, 1996.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION. SKIN CONTACT: FLUSH SKIN WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. I NHALATION: IF SIGNS/SYMPTOMS OCCUR, REMOVE PERSON TO FRESH AIR. IF SIGNS/SYMPTOMS CONTINUE, CALL A PHYSICIAN. IF SWALLOWED: DO NOT INDUCE VOMITING. DRINK TWO GLASSES OF WATER. CALL A PHYSICIAN.

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

Autoignition Temp:Autoignition Temp Text:N/D

Extinguishing Media:WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING, INCLUDING HELMET, SELF-CONTAINED, POSITIVE PRESSURE OR PRESSURE DEMAND BREATHING APPARATUS (NIOSH APPROVED -), BUNKER COAT AND PANTS, BANDS AROUND ARMS, WAIST AND L EGS, FACE MASK, AND PROTECTIVE COVERING FOR EXPOSED AREAS OF THE HEAD.

Unusual Fire/Explosi
on Hazard:NONE KNOWN.

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

Spill Release Procedures:OBSERVE PRECAUTIONS FORM OTHER SECTIONS. VENTILATE AREA. COLLECT SPILLED MATERIAL. CLEAN UP RESIDUE WITH AN APPROPRIATE ORGANIC SOLVENT. READ AND FOLLOW SAFETY PRECAUTIONS ON THE SOLVENT LABEL AND MSD S. PLACE IN AN APPROVED METAL CONTAINER. IN THE EVENT OF AN UNCONTROLLED RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF THE RELEASE QUALIFIES AS A REPORTA

:0.00% BY WT.

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

Stability Indicator/Materials to Avoid: YES
NOT APPLICABLE.

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

===== Toxicological Information =====

Toxicological Information: SKIN NOTATION: LISTED SUBSTANCES INDICATED
WITH A "Y" UNDER SKIN REFER TO THE POTENTIAL CONTRIB
UTION TO THE
OVERALL EXPOSURE BY THE CUTANEOUS ROUTE, INCLUDING MUCOUS MEMBRANE
AND EYE, EITHER BY AIRBORNE OR, MORE PARTICULARLY, BY DIRECT
CONTACT WITH THE SUBSTANCE. VEHICLES CAN ALTER SKIN ABSORPTION. (NO
SUBSTANCES INDICATED -). EXPOSURE LIMITS: ZINC OXIDE: OSHA
PEL: 10 MG/M3 AS DUST, 5 MG/ M3 AS FUME; ACGIH TWA: 10 MG/M3 AS
DUST, 5 MG/M3 AS FUME.

===== Ecological Information =====

Ecological: U.S. EPA HAZARDOUS WASTE NUMBER = N
ONE (NOT U.S. EPA
HAZARDOUS). ENVIRONMENTAL DATA: NOT DETERMINED.

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

Waste Disposal Methods: INCINERATE UNCURED WASTE IN AN INDUSTRIAL OR
COMMERCIAL INCINERATOR. DISPOSE OF COMPLETELY CURED (OR
POLYMERIZED) MATERIAL IN A SANITARY LANDFILL. DISPOSE OF IN
ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS .

===== Regulatory Information =====

SARA Title III Inform
ation: THIS PRODUCT CONTAINS THE FOLLOWING TOXIC
CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF
TITLE III OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT
OF 1986 AND 40 CFR 372: ZINC OXIDE.

Federal Regulatory Information: VOLATILE ORGANIC COMPOUNDS: N/A. VOC
LESS H2O & EXEMPT SOLVENTS: N/A. SINCE REGULATIONS VARY, CONSULT
APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL. IN THE
EVENT OF AN UNCONTROLLED RELEASE OF THIS MATERIAL, THE USER

SHOULD

DETERMINE IF THE RELEASE QUALIFIES AS A REPORTABLE QUANTITY.

EPCRA HAZARD CLASS: FIRE HAZARD: NO. PRESSURE: NO. REACTIVITY: NO.

ACUTE: YES. CHRONIC: NO.

===== Other Information =====

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