View NSN Online: https://aerobasegroup.com/nsn/8030-00-275-8114

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

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'-DITHIOBISBENZOTHIAZOLE

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

O	NTACT): 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.

==========	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

BLE QUANTITY.
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Handling and Storage Precautions:PREVENTION OF ACCIDENTAL INGESTION: WASH HANDS AFTER HANDLING AND BEFORE EATING. DO NOT INGEST. RECOMMENDED STORAGE: KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. FIR E AND EXPLOSION AVOIDANCE: KEEP CONTAINER TIGHTLY CLOSED.
====== Exposure Controls/Personal Protection ========
Respiratory Protection:AVOID BREATHING OF VAPORS CREATED DURING THE CURE CYCLE. AVOID BREATHING OF DUST CREATED BY CUTTING, SANDING OR GRINDING. SELECT ONE OF THE FOLLOWING NIOSH APPROVED RESPIRATORS BASED ON AIRBORNE CONCE NTRATION OF CONTAMINANTS AND IN ACCORDANCE WITH OSHA REGULATIONS: HALF-MASK DUST RESPIRATOR. Ventilation:PROVIDE APPROPRIATE LOCAL EXHAUST FOR GRINDING, CUTTING OR SANDING CURED MATERIAL. CURING OVENS MUST BE EXHAUSTED TO OUTDOORS OR TO A (SUPP SAFETY & HEALTH) Protective Gloves:WEAR APPRO PRIATE GLOVES WHEN HANDLING THIS MATERIAL (SUPPLEMEN SAFETY & HEALTH) Eye Protection:WEAR VENTED GOGGLES (ANSI APPROVED -). Other Protective Equipment:EYEWASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA. Work Hygienic Practices:AVOID EYE CONTACT. WASH HANDS AFTER HANDLING AND BEFORE EATING. DO NOT INGEST. AVOID PROLONGED OR REPEATED SKIN CONTACT. Supplemental Safety and Health VENTILATION (CONT): SUITABLE EMISSION CONTROL DEVICE. IF EXHAUST IS NOT ADEQUATE, USE APPROP RESP PROTECTION. GLOVES (CONT): A PAIR
OF GLOVES MADE FROM THE FOLLOWING MATERIAL(S) ARE RECOMMENDED: POLYETHYLENE / ETHYLENE VINYL ALCOHOL, POLYVINYL ALCOHOL, POLYTETRAFLUOROETHYLENE (TEFLON), OR FLUOROELASTOMER (VITON).
========= Physical/Chemical Properties ============

Melt/Freeze Pt:M.P/F.P Text:N/D Spec Gravity:1.460 WATER=1.

Viscosity:PUTTY.
Solubility in Water:VERY SLIGHT.

Percent Volatiles by Volume

Appearance and Odor:PUTTY, BLACK, STRONG SULFIDE ODOR.

========= 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 AIRBOR NE OR, MORE PARTICULARY, 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, ST ATE AND LOCAL REGULATIONS.
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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: Z INC OXIDE. Federal Regulatory Information:VOLATILE ORGANIC COMPOUNDS: N/A. VOC LESS H20 & EXEMPT SOLVENTS: N/A. SINCE REGULATIONS VARY, CONSULT APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL. IN THE

EVENT OF AN UNCONTROLLED RELEASE O F THIS MATERIAL, THE USER

:0.00% BY WT.

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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