

3M CO-ADHESIVES,COATINGS & SEALERS FOR CATERPILLAR -- CATERPILLAR CEMENT
7M7260(3M:62-2145-3710-2 -- 5330-00-479-2847

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

Product ID:CATERPILLAR CEMENT 7M7260(3M:62-2145-3710-2

MSDS Date:04/25/1986

FSC:5330

NIIN:00-479-2847

MSDS Number: BDZWF

=== Responsible Party ===

Company Name:3M CO-ADHESIVES,COATINGS & SEALERS FOR CATERPILLAR

Address:3M CENTER

City:ST. PAUL

Sta

te:MN

ZIP:55144-1000

Country:US

Info Phone Num:612-733-1110

Emergency Phone Num:612-733-1110

CAGE:04963

=== Contractor Identification ===

Company Name:3M MINNESOTA MINING AND MFG CO ADHESIVES SEALERS DIV

Address:3M CTR

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:800-364-3577/651-737-6501(24 HOURS)

CAGE:04963

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

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fracti

on by Wt: 90%.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:350 PPM

ACGIH TLV:350 PPM/450STEL;9394

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ozone Depleting Chemical:1

Ingred Name:1,4-DIOXANE (DIETHYLENE DIOXIDE) (SARA III)

CAS:123-91-1

RTECS #:JG8225000

OSHA PEL:S, 100 PPM

ACGIH TLV:S, 25 PPM; 9293

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:INGRED.1 CONTAINS UNSPECIFIED % OF INGRED.2,A REPORTED
ANIMAL CARCINOGEN; TEST DATA INDICATE BLENDED SOLV NOT CARCN.HAZ.

RTECS #:9999999ZZ

In

gred Name:NITRILE RUBBER
Fraction by Wt: 9%.

Ingred Name:DIOCTYLATED DIPHENYLAMINE
Fraction by Wt: 0.1-1.0%

Ingred Name:IRON OXIDE
CAS:1309-37-1
RTECS #:NO7400000
Fraction by Wt: 0.1-1.0%
OSHA PEL:10 MG/M3 (FE)
ACGIH TLV:5 MG/M3(FE),B2; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:LOCAL: LIQ. & VAPOR IRRITATE EYES ON
C

ONTACT -EFFECT NOTE FIRST IN ACUTE EXPOSURE. MILD CONJUNCTIVIS MAY
DEVELOP,BUT RECOVERY IS USUALLY RAPID. REPEATED SKIN CONTACT MAY
PRODUCE A DRY,SCALY & FISSURED DERMATITIS. 1,1,1-TRICHLOROETHANE
ACTSAS A NARCOTIC & DEPRESSES "CNS".; CHRONIC:MILD LIVER & KIDNEY
DAMAGE & ARRHYTHMA

Effects of Overexposure:EYE: LIQ. & VAPOR MAY IRRITATE; SKIN: ACUTE
CONTACT NOT IRRITATING & NOT READILY ABSORBED THRU. SKIN,
PROLONGED/REPEATED CONTACT WILL DEFAT; INHAL: VAPORS CONCENTR.

>TLV, MAY IRRITATE RESPIR. SYSTEM & CAUSE TEMP. NERVOUS SYSTM.
IMPAIRM; DIZZINESS,NAUSEA, & HEADACHE; INGEST: SMALL AMTS. MAY
IRRITATE DIGESTIVE SYSTEM.

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

First Aid:EYE: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR @ LEAST 10 MIN.
GET MED. ATTN.; SKIN: WASH THOROUGHLY W/SOAP & WATER. INHAL:
PROVIDE FRESH AIR. SUPPORT OR RESTORE BREATHING. GET MED. ATTN.;
INGEST: DO NO T INDUCE VOMITING. GIVE TWO GLASSES OF MILK
OR WATER
TO DRINK. GET MEDICAL ATTN. DO NOT GIVE LIQUIDS TO AN UNCONSCIOUS
PERSON.

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

Flash Point:NONE
Lower Limits:15.%
Upper Limits:7.5%
Extinguishing Media:CARBON DIOXIDE, FOAM, & DRY CHEMICAL
Fire Fighting Procedures:FIRE FIGHTERS SHOULD BE EQUIPPED
W/SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES INVOLVING
THIS MATERIAL.
Unusual Fire/Explosion Hazard:DO NOT USE PUMPS OR PRESSURIZED EQUIPMENT
WHIC

H CONTAIN ALUMINUM OR ZINC(GALVANIZED) PARTS. PRODUCT CONTACT W/ALUMINUM OR ZINC IN PRESSURE FLUID SYST:MAY EXPLOD

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

Spill Release Procedures:OBSERVE PRECAUTIONS IN ALL SECTIONS. COLLECT SPILLED MATERIAL & CLEAN UP RESIDUE. PLACE IN METAL CONTAINER (U.S. DOT APPROVED IF WASTE IS TO BE SHIPPED). USE ABSORBENT MATERIAL AS NEEDED IN CLEAN-UP P ROCEDURE.

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

Handling and Storage Precautions:USE ONLY IN AREAS ADEQUATELY VENTILATED W/ENOUGH AIR MOVEMENT TO REMOVE VAPORS. AVOID VAPOR CONTACT W/OPEN FLAMES,WELDING ARCS,OR HIGH TEMP. SOURCES.
Other Precautions:DO NOT USE PUMPS OR OTHER PRESSURIZED EQUIPMENT WHICH MAY HAVE ALUMINUM OR ZINC(GALVANIZED)PARTS.CONTACT W/ALUMINUM OR ZINC(GALVANIZED) IN A PRESSURIZABLE FLUID SYSTEM MAY RESULT IN EXPLOSION.VAPORS F ROM PRODUCT CAN CAUSE DUCTWORK CORROSION

===== Exposure Contr
ols/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED ORGANIC VAPOR/MIST TYPE RESPIRATOR.
Ventilation:SUFFICIENT TO MAINTAIN AIR CONC. BELOW TLV.
Protective Gloves:IMPERVIOUS TYPES
Eye Protection:CHEMICAL GOGGLES OR FACE SHIELD
Other Protective Equipment:AS REQUIRED TO MINIMIZE SKIN CONTACT.
Work Hygienic Practices:USE ONLY IN AREAS ADEQUATELY VENTILATED W/ENOUGH AIR MOVEMENT TO REMOVE VAPORS & PREVENT VAPOR BUILDUP.
Supplemental Safety and Health
AVOID PROLO
NGED BREATHING OF VAPOR. AVOID BREATHING OVERSPRAY OF
AIRBORNE PRODUCT PARTICLES DURING SPRAY APPLICATION. KEEP CONTAINER CLOSED WHEN NOT IN USE. IF PRODUCT SPRAYED, USE A FUNCTIONING SPRAY BOOTH.

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

HCC:T4
Boiling Pt:B.P. Text:165F/73.9C
Vapor Pres:120 @ 43F
Vapor Density:4.6
Spec Gravity:1.27
Viscosity:8000 CPS
Evaporation Rate & Reference:(ETHER = 1)
Solubility in Water:VERY SLIGHT
Appearance and Odor:RED LIQ

UID - SOLVENT ODOR
Percent Volatiles by Volume:90.

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT W/WATER, ALCOHOL & AMINES.

Stability Condition to Avoid:CONTACT W/ALUMINUM OR ZINC(GALVANIZED)

PARTS IN A PRESSURIZED FLUID SYSTEM MAY RESULT IN EXPLOSION.

Hazardous Decomposition Products:CO, CO*2, HCL & POSSIBLE TRACE AMOUNTS
OF CHLORINE & PHOSGENE AS WELL AS NITROGEN DECOMP.

PRDS,INCLUDING"HCN" W/EXC.HEAT

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

Waste Disposal Methods:COMMERCIAL INCINERATION W/DESTRUCTION & REMOVAL
EFFICIENCY >99.99% OR RECLAMATION IS PREFERRED. IF INCINERATED,
>99% OF THE HYDROGEN CHLORIDE IN EXHAUST GAS SHOULD BE REMOVED.
DISPOSE IAW LOCAL,STATE & FED. REGS. CURED PRODUCT (NO SOLVENT):
LANDFILL

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