

STEELCOTE MANUFACTURING CO -- EPOXY COATING, MIL-C-22750D #26081 PTB --
8010-00-082-2436

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Product Identification
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Product ID:EPOXY COATING, MIL-C-22750D #26081 PTB

MSDS Date:11/13/1991

FSC:8010

NIIN:00-082-2436

Kit Part:Y

MSDS Number: BMQRG

=== Responsible Party ===

Company Name:STEELCOTE MANUFACTURING CO

Address:ONE STEELCOTE SQUARE

City:ST LOUIS

State:MO

ZIP:63103

Country:US

Info Phon

e Num:314-771-8053

Emergency Phone Num:800-424-9300 CHEMTREC

CAGE:93981

=== Contractor Identification ===

Company Name:STEELCOTE MANUFACTURING COMPANY

Address:ONE STEELCOTE SQUARE

Box:City:ST LOUIS

State:MO

ZIP:63103-2920

Country:US

Phone:314-771-8053

CAGE:93981

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Composition/Information on Ingredients
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Ingred Name:POLYMERS OF EPOXY RESIN & BISPHENOL A

CAS:25036-25-3

Fraction by Wt: 30-35%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (TOTAL DUST)

ACGIH TLV:5 MG/M

3 (TOTAL DUST)

Ingred Name:1-METHOXY-2-PROPANOL (SARA 313) (VAPOR PRESSURE 12.5 @ 25 C) (LEL 1.60 @ 25 C)

CAS:107-98-2

RTECS #:UB7700000

Fraction by Wt: 10-15%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:100 PPM/150 PPM STEL

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: 15-20%

Other REC Limits:NONE SPECIFIED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:ALUMINIUM OXIDE

CAS:21645-51-2

RTECS #:BD0940000

Fraction by Wt: 1-5%

Other REC Limits

:NONE SPECIFIED

ACGIH TLV:10 MG/M3(TOTAL DUST)

Ingred Name:AMORPHOUS SILICA GEL

CAS:112945-52-5

RTECS #:VV7310000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:20 MPPFC

ACGIH TLV:10 MG/M3(TOTAL DUST)

Ingred Name:YELLOW IRON OXIDE

CAS:20344-49-4

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3

Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3

Ingred Name:TAL

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CAS:14807-96-6

RTECS #:WW2710000

Fraction by Wt: 15-20%

Other REC Limits:NONE SPECIFIED

OSHA PEL:20 MPPCF

ACGIH TLV:2 MG/M3 RESP DUST

Ingred Name:N-BUTYL ACETATE (VAPOR PRESSURE 10 MM HG @ 20C) (LEL 1.38 @ 38 C)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:150 PPM

ACGIH TLV:150 PPM/200 PPM STEL

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ACETATE (VAPOR PRESSURE 100 MM HG @ 27C) (LEL 2.18 @ 25 C)

CAS:141-78-6

RTECS #:AH54

25000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (SARA 313) (VAPOR PRESSURE 70.20 MM HG @ 20 C) (LEL 1.80 @ 25 C)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 5-10%

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her REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM/300 PPM STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYE/SKIN: MODERATE IRRIT. PROLONGED CONTACT- -DAMAGE/DEFAT/DRYING (DERMATITIS). ABSORB THRU SKIN--SYMPTOMS OF EXPOS AS FOR INHAL/INGEST. INHAL: IRRIT--NOSE/THROAT/RESP TRACT/MUCOUS MEMBRANES. CENTRAL NERV S
YS
DEPRESS. PROLONG OVEREXPOS (SOLVENT)--PERMANENT BRAIN/ NERVOUS SYS DAMAGE. CONCENTATING/INHALING OF PROD--

Explanation of Carcinogenicity:N/K HARMFUL/FATAL. INGEST: CENTRAL NERV SYS DEPRESS. ASPIRATION INTO LUNGS CAN CAUSE SEVERE LUNG DAMAGE.

Effects of Overexposure:EYE: PAIN, TEARING, REDDENING, SWELLING. SKIN: REDDENING, SWELLING, RASH. INHAL: RUNNY NOSE, SORE THROAT, COUGHING, CHEST DISCOMFORT, SHORTNESS OF BREATH, REDUCED LUNG FUNCTION. INGEST: SORE THROAT/AB DOM

PAIN/NAUSEA/VOMITTING/DIARRHEA. CENTRAL NERV SYS DEPRESS: HEADACHE/DIZZINESS/NAUSEA/INTOXICATION/UNCONSCIOUSNESS
Medical Cond Aggravated by Exposure:PREEXISTING SKIN, EYE & RESP DISORDERS. IMPAIRED CENTRAL NERVOUS SYSTEM FUNCTIONS FROM PREEXIST DISORDERS. & DEATH. CHRONIC OVEREXPOS: LOSS OF MEMORY, INTELLECTUAL ABILITY, COORDINATION.

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

First Aid:EYE: IMMED FLUSH EYE W/WATER 15 MIN, EYELIDS OPEN. SEE DR.

SKIN: REMOVE CONTAM CLOTH & SHOES. WIPE EXCESS FROM SKIN. FLUSH W/WATER & SOAP. SEE DR IF IRRIT. INHAL: GROSS OVER EXPOS TO NUISANCE PARTICLE MAY CAUSE IRRIT OF RESP TRACT. INGEST:DON'T INDUCE VOMITING UNLESS DR ORDERS. IF OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS (PREVENT ASPIRATION). CONSULT DR/POISON CONTROL CTR/TRANSPORT TO EMERG RM.

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

Flash Point Method:TCC
Flash Point:20.0F,-6.7C
Extinguishing Media:

USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE. (THEORETICAL)

Fire Fighting Procedures:FLAMMABLE. EVACUATE AREA OF UNPROTECTED. DON'T ENTER CONFINED FIRE SPACE W/OUT HELMET, FACE SHIELD, BUNKER COAT, GLOVES, RUBBER BOOTS & POSS PRESS NIOSH SCBA.

Unusual Fire/Explosion Hazard:CNTNRS EXPOS TO FIRE/HEAT--COOLED W/WATER TO PREVENT VAPOR PRESS BLDUP (CNTNR RUPTURE). COOL AREA EXPOS TO DIRECT FLAME W/WATER (PREVENT CNTNR WEAKENING).

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

Spill Release Procedures:LRG SPILL: EVACUATE UNPROTECTED. WEAR APPROP RSPRTR & PROTEC CLOTH. STOP LEAK IF SAFE. DIKE/CONTAIN. VAPOR CLOUD, WATER FOG TO SUPPRESS. CONTAIN RUNOFF. REMOVE W/VACUUM TRUCK/PUMP TO STOR/SALV VESSEL. USE ABSORB. PLACE IN NON-LEAKING CNTNRS.

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

Handling and Storage Precautions:KEEP FROM HEAT & IGNITION SOURCES. VAPORS MAY ACCUMULATE & TRAVEL TO IGNITION SOURCES DISTANT FROM HANDLING SITE. KEEP CNTNRS CLOSED WHEN NOT IN USE.

Other Precautions:SURFACES THAT ARE SUFFICIENTLY HOT MAY IGNITE PRODUCT IN ABSENCE OF SPARKS OR FLAME. CONTAINERS, EVEN IF EMPTY, MAY CONTAIN EXPLOSIVE VAPOR. DO NOT CUT, DRILL, GRIND, OR WELD NEAR CNTNRS. USE ADEQUATE VENTILATION.

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

Respiratory Protection:IF EXPOSURE EXCEEDS THE PEL/TLV, USE THE APPROPRIATE NIOSH-APPROVED RESPIRATOR.

Ventilation:USE VENTILATION AS REQUIRED TO CONTROL VAPOR CONC--AT LEAST 10 AIR CHANGES PER HR ARE RECOMM FOR GOOD ROOM VENTILATION.

Protective Gloves:APPROPRIATE GLOVES TO PREVENT CONTACT

Eye Protection:SAFETY GLASSES, GOGGLES OR SPLASH SHIELD

Other Protective Equipment:PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. DON'T WEAR CONTACT LENSES. EYEWASH STATIONS & SFTY SHOWERS SHOULD BE AVAIL.

Work Hygienic Practices:WAS W/SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET. DECONT

AMINATE CONTAM CLOTHING BEFORE
REUSE.

Supplemental Safety and Health

PRODUCT IS PRESUMED TO BE FETOTOXIC. CHRONIC OVEREXPOS MAY CAUSE INJURY
TO KIDNEYS AND LIVER. CHRONIC OVEREXPOS MAY CAUSE DAMAGE TO LUNGS.
OVEREXPOS MAY CUASE SLIGHT LUNG FIBROSIS. OVEREXPOS MAY CAUSE A
TISSUE RESPONSE (PNEUMOCONIOSIS). CHRONIC OVEREXPOS MAY CAUSE
SCARRING OF THE LUNGS.

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

HCC:F3

Vapor Density:>1

Spec Gravity:11.66 LB/GL

Ev

aporation Rate & Reference: