

STEELCOTE MANUFACTURING CO -- EPOXY CURING AGENT, MIL-C-22750D, 30,000 PT --
8010-01-053-2655

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

Product ID:EPOXY CURING AGENT, MIL-C-22750D, 30,000 PT

MSDS Date:11/14/1991

FSC:8010

NIIN:01-053-2655

Kit Part:Y

MSDS Number: BMQLW

=== Responsible Party ===

Company Name:STEELCOTE MANUFACTURING CO

Address:ONE STEELCOTE SQUARE

City:ST LOUIS

State:MO

ZIP:63103

Country:US

Info Phone 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

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

Ingred Name:2-PROPANOL (SARA 313) (VAPOR PRESSURE 30.00 MM HG @ 20 C) (
LEL 2.00 @ 25 C)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 5 - 10%

Other REC

Limits:NONE SPECIFIED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500 PPM STEL

Ingred Name:N-BUTYL ACETATE (VAPOR PRESSURE 10.00 MM HG @ 20 C) (LEL 1.38 @ 38 C)

CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 5 - 10%
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:2-ETHOXYETHYL ACETATE (SARA 313) (VAPOR PRESSURE 2.00 MM HG @ 20 C) (LEL 1.70 @ 25 C)

CAS:111-15-9
RTECS #:KK8225000
Fraction by Wt: 25 - 30%
Other
REC Limits:UN CARBIDE 5PPM SKIN
OSHA PEL:100 PPM (SKIN)
ACGIH TLV:5 PPM (SKIN)

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: 20 - 25%
Other 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

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 5 - 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 S

TEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Inged Name:XYLENE (SARA 313) (VAPOR PRESSURE 6.60 MM HG @ 20 C) (LE:
1.10 @ 25 C)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150 PPM STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Inged Name:SANDING/GRINDING OF DRIED FILM OF PRODUCT MAY BECOME DUST
NUISANCE.
RTECS #:9999999ZZ
Other REC Limits:*5 MG/M3 RESP DUST
OSHA PEL:15 MG/M3 TOTAL DUS
T*
ACGIH TLV:10 MG/M3 TOTAL DUST

Inged Name:SKIN ABSORPTION MAY CONTRIBUTE TO OVERALL EXPOSURE TO THIS
MATERIAL. TAKE APPROPRIATE MEASURE TO PREVENT SKIN CONTACT.
RTECS #:9999999ZZ
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYE: SEVERE IRRIT, CORNEAL INJURY.
SKIN: MOD IRRIT. PROLONG/REPEAT--DEFAT/DRY/DERMATITIS.
ABSORPTION-SYMP TMS LIK
E INHAL/ INGEST. INHAL: IRRIT NOSE, THROAT,
RESP TRACT, MUCOUS MEMBRANES. CENTRAL NERV S YS DEPRESS, PERM
BRAIN/NERV SYS DAMAGE.CONC & INHAL-HARM/FATAL. INGEST: MOD TOXIC,
KIDNEY DAMAGE, CENTRAL NERV SYS
Effects of Overexposure:EYE: PAIN, TEAR, RED, SWELL. SKIN: RED/
SWELL/RASH. INHAL: RUNNY NOSE/SORE THROAT/COUGH/CHEST
DISCOMFORT/SHORT BREATH/REDUCED LUNG FUNCTION. INGEST: SORE THROAT,
ABDOM PAIN, NAUSEA, VOMIT, DIARRHEA. C ENT NERV SYS DEPSS:
HEADACHE, DIZZY, NAUSEA

, INTOX SYMPTMS, UNCONSCIOUS, DEATH. LOSS OF MEMORY, INTELLECT, COORDINATION.

Medical Cond Aggravated by Exposure:PREEXISTING, SKIN, EYE, RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. IMPAIRED REPRODUCTIVE FUNCTION FROM PREEXISTING DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE: IMMED FLUSH EYES W/WATER 15 MIN EYELIDS OPEN. GET IMMED MED AID. SKIN: REMOVE CONTAM CLOTHING & SHOES. WIPE EXCESS FROM SKIN & FLUSH W/WATER & SOAP. GET MED ATTN IF IRRIT OCCURS. INGEST: DON'T INDUCE VOMITING UNLESS DR DIRECTS. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS (PREVENT ASPIRATION INTO LUNGS). CONSULT DR, HOSP, POISON CNTRL CTR/TRANSPORT TO EMERGENCY FACILITY.

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

Flash Point Method:TCC

Flash Point:20.0F,-6.7C

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

Fire Fighting Procedures:FLAMM. EVACUATE UNPROTECTED. DON'T ENTER CONFINED FIRE SPACE W/O HELMET, FACE SHIELD, BUNKER COAT, GLOVES, RUBBER BOOTS & POSITIVE PRESSURE NIOSH-APPRVD SCBA.

Unusual Fire/Explosion Hazard:COOL CNTNRS EXPOS TO HEAT W/WATER TO PREVENT VAPOR PRESSURE BLDUP (STOP CNTNR RUPTURE). COOL CNTNR AREAS EXPOS TO FLAME W/WATER (STOP CNTNR STRUCTURE WEAKENING)

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

Spill Release Procedures:LRG: EVACUATE UNPROTECTED. WEAR APPROP

RSPRTR/PROTECT CLOTH. STOP LEAK IF NO RISK. USE WATER FOG TO SUPPRESS IF VAPOR CLOUD FORMS. REMOVE W/VACUUM TRUCK/PU21FEB92TOR/SALV TANK. USE ABSORB ON RESIDUE. PLACE IN NON-LEAK CNTNR. FLUSH AREA W/WATER TO

Neutralizing Agent:N/K REMOVE TRACE RESIDUE. SEAL TIGHTLY FOR PROPER DISPOSAL.

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

Handling and Storage Precautions:KEEP LIQ/VAPOR FROM HEAT/IGNIT SOURCES. HOT SURFACES MAY IGN

ITE PRODUCT. VAPORS MAY

ACCUMULATE/TRAVEL TO IGNITION SOURCES DISTANT FROM HANDLING SITE.

Other Precautions:KEEP CNTNRS CLOSED WHEN NOT IN USE. USE W/ADEQUATE VENT. CNTNRS, EVEN IF EMPTY, CAN CONTAIN EXPLOSIVE VAPORS/HAZARDOUS PRODUCT RESIDUES.

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

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

Ventilation:USE VENT AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS-- AT

LEAST 10 AIR CHANGES PER HR RECOMM FOR GOOD GENERAL ROOM VENT.

Protective Gloves:WEAR APPROP GLOVES--PREVENT SKIN CONTACT

Eye Protection:SFTY GLASSES, GOGGLES, SPLASH SHIELD

Other Protective Equipment:WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND CLOTHING.

Work Hygienic Practices:WASH W/SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET. EYE WASH STATIONS/SAFETY SHOWERS SHOULD BE AVAIL.

Supplemental Safety and Health

KEY1;F3.DEPRESSION. ASPIR

ATION OF MAT'L INTO LUNGS MAY RESULT IN SEVERE

LUNG DAMAGE. MAT'L IS PRESUMED TO BE FETOTOXIC, CAUSE INJURY TO BONE MARROW/BLOOD CELLS, BIRTH DEFECTS, INCREASED FETAL LETHALIT Y, DELAYED FETAL DEVELOPMENT. CHRONIC OVEREXPOS MAY CAUSE INJURY TO KIDNEY & LIVER, INJURY TO TESTES.

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

HCC:F5

Vapor Density:>1

Evaporation Rate & Reference: