

STEELCOTE MANUFACTURING CO -- MIL-C-22750D, 30,000 PTA -- 8010-00-756-2411

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

Product ID:MIL-C-22750D, 30,000 PTA

MSDS Date:11/14/1991

FSC:8010

NIIN:00-756-2411

Kit Part:Y

MSDS Number: BMQGC

=== 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 PP

M

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) (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 (SKI

N)

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 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT R

pt Qty:1000 LBS

Ingred Name:XYLENE (SARA 313) (VAPOR PRESSURE 6.60 MM HG @ 20 C) (LEL 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

Ingred 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 DUST*

ACGIH TLV:10 MG/M3 TOTAL DUST

Ingred Name:SKIN AB

SORPTION 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 LIKE INHAL/INGEST. INHAL: IRRIT NOSE, THROAT, RESP T

RACT, MUCOUS MEMBRANES. CENTRAL NERV SY S 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. CE NT NERV SYS DEPSS:

HEADACHE, DIZZY, NAUSEA, INTOX SYMPTMS, UNCONSCIOUS, DEATH. LOSS OF MEM

ORY, 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: IMMEDIATELY FLUSH EYES WITH WATER FOR 15 MINUTES. KEEP EYELIDS OPEN. GET IMMEDIATE MEDICAL AID. SKIN: REMOVE CONTAMINATED CLOTHING & SHOES. WIPE EXCESS FROM SKIN & FLUSH WITH WATER & SOAP.

GET MEDICAL ATTENTION IF IRRITATION OCCURS. INGESTION: DO NOT INDUCE VOMITING UNLESS DIRECTED BY A PHYSICIAN. IF VOMITING OCCURS, KEEP HEAD BELOW WAIST (PREVENT ASPIRATION INTO LUNGS). CONSULT A PHYSICIAN, HOSPITAL, POISON CONTROL CENTER/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:FLAMMABLE. EVACUATE UNPROTECTED. DO NOT ENTER

CONFINED FIRE SPACE WITHOUT HELMET, FACE SHIELD, BUNKER COAT, GLOVES, RUBBER BOOTS & POSITIVE PRESSURE NIOSH-APPROVED SCBA.

Unusual Fire/Explosion Hazard:COOL CONTAINERS EXPOSED TO HEAT WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP (STOP CONTAINER RUPTURE). COOL CONTAINER AREAS EXPOSED TO FLAME WITH WATER (STOP CONTAINER STRUCTURE WEAKENING)

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

Spill Release Procedures:Large: EVACUATE UNPROTECTED. WEAR RESPIRATOR/PROTECTIVE CLOTHING. Small

TOP LEAK IF NO RISK. USE WATER FOG TO

SUPPRESS IF VAPOR CLOUD FORMS. REMOVE WITH VACUUM TRUCK/PUMP TO STORAGE/SALVAGE TANK. USE ABSORBENT ON RESIDUE. PLACE IN NON-LEAKING CONTAINER. FLUSH AREA WITH WATER TO**

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

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

Handling and Storage Precautions:KEEP LIQUID/VAPOR FROM HEAT/IGNITION SOURCES. HOT SURFACES MAY IGNITE PRODUCT. VAPORS MAY ACCUMULATE/TR

AVEL 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:SAFETY 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

*DEPRESSION. ASPIRATION 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 LETHALITY, DELAYED FETAL DEVELOPMENT. CHRONIC OVEREXPOS MAY CAUSE INJURY TO KIDNEY & LIVER, INJURY TO TESTES.

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

Vapor Density:>1

Evaporation Rate & Reference: