

BELZONA INC -- 1104/0180 BELZONA 1111(SUPPER METAL)SOLIDIFIER -- 4730-01-414-6976

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

Product ID:1104/0180 BELZONA 1111(SUPPER METAL)SOLIDIFIER

MSDS Date:07/14/1994

FSC:4730

NIIN:01-414-6976

Kit Part:Y

MSDS Number: CDXNZ

=== Responsible Party ===

Company Name:BELZONA INC

Address:2000 NW 88 COURT

City:MIAMI

State:FL

ZIP:33172

Country:US

Info Phone Num:305-594-4994

Eme

rgency Phone Num:800-424-9300(CHEMTREC)

Preparer's Name:W. FAUPEL

CAGE:67020

=== Contractor Identification ===

Company Name:BELZONA INC.

Address:2000 N. W. 88 COURT

Box:City:MIAMI

State:FL

ZIP:33172

Country:US

Phone:305-594-4994

CAGE:0PX05

Company Name:BELZONA INC.

Address:2000 N.W. 88 COURT

City:MIAMI

State:FL

ZIP:33172

Country:US

Phone:305-594-4994

CAGE:67020

Company Name:BELZONA VIRGINIA INC (804-463-1222)

Box:UNKNOW

CAGE:01CL4

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

=====

Ingred Name:DIETHYLENETRIAMINE  
CAS:111-40-0  
RTECS #:IE1225000  
Fraction by Wt: 10-30%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 PPM  
ACGIH TLV:S, 1 PPM; 9596

Ingred Name:TALC  
CAS:14807-96-6  
RTECS #:MW2700000  
Fraction by Wt: 40-70%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.2 FIBERS/CC  
ACGIH TLV:0.2 FIBER/CC,A1;9596

Ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9596

Ingred Name:PHENOL (SARA 302/313) (CERCLA)  
CAS:108-95-2  
RTECS #:SJ3327000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:S, 5 PPM  
ACGIH TLV:S, 5 PPM; 9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:2,4,6-TRIS(DIMETHYLAMINO METHYL) PHENOL  
CAS:90-72-2  
RTECS #:SN3500000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalati

on:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CORROSIVE.ACUTE:CAUSES BURNS TO  
SKIN/EYES.CHRONIC:CHEMICAL BURNS AND SENSITIZATION.  
Explanation of Carcinogenicity:PER MSDS:NO INFO FOR MIXTURE HOWEVER  
NONE OF INGREDIENTS ARE LISTED AS CARCINOGENS BY OSHA/NTP/ACGIH/IARC.  
Effects of Overexposure:BURNS TO SKIN/EYES. CHEMICAL BURNS,  
SENSITIZATION.  
Medical Cond Aggravated by Exposure:SKIN AND EYE CONDITIONS.

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

First Aid:INHAL:SYMPT EXPERIENCED REMOVE SOURCE OF CONTAMIN &/OR MOVE  
TO FRESH AIR.RECOVERY DELAYED/SIGNS OF DISTRESS PRESENT OBTAIN MED  
ATTN IMMED.EYE:FLUSH W/WATER FOR 15MINS.IMMED 1ST AID NECESSARY TO  
PREVENT DMG.IRRIT PERSIST GET MED ADVICE.SKIN:IMMED REMOVE EXCESS  
W/CLOTH.WASH WELL W/SOAP/WATER.IRRIT/INFLAMM PERSIST GET MED  
ADVICE.INGEST:DONT INDUCE VOMIT.RINSE MOUTH W/WATER.DRINK 1C OF  
WATER(SUPPLEMENT)

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

Flash Point Method:SCC  
Flash Point:>212F,>100C  
Autoignition Temp:Autoignition Temp Text:NP  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:WATER FOG (NOT A DIRECT STREAM OF WATER), FOAM,  
CARBON DIOXIDE, DRY CHEMICAL.  
Fire Fighting Procedures:WEAR PROTECTIVE CLOTH/USE SELF-CONTAINED  
BREATHING APPARATUS.FULL BUNKER GEAR SHOULD BE WORN IN EXTREME  
CASES.USE SAND TO CONTAIN BURNING MATL.  
Unusual Fire/Explosion Hazard:DECOMPOSITION & COMBUSTION PRODUCTS MAY  
BE HAZARDOUS.

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

Spill Release Procedures:ABSORB W/INERT MATL(E.G.EARTH,SAND).SWEEP  
UP,PLACE IN SUITABLE LABELLED CONTAINERS,SEAL,DISPOSE OF PROPERLY.FLUSH  
AREA W/DETERGENT & WATER.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:OVERHEATING MAY CAUSE A CONTAINER TO  
RUPTURE.CONTAINER SHOULD BE

E STORE UNDER COOL DRY CONDITIONS. EMPTY CNTNR  
WLL RETAIN RESIDUE AND MAY BE DANGEROUS.  
Other Precautions: CHEK ALL CNTNR FOR LEAKS @REGULAR INTERVALS/BEF  
USE. AVOID BRAETH VAP/CONTACT W/SKIN/EYES.

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

Respiratory Protection: CONFINED AREAS/GOOD NAT/MECH VENTI NOT AVAI  
LEADING TO RISK OF EXCEEDING TLV INDICATED APPROPR NIOSH/MSHA  
APPROVED RESPIRATOR SHOULD BE WORN. WEAR NIOSHA/MSHA RESP WHEN  
MACHINING/SANDING CURED

MATL LEA DS TO RESP &/OR NUISANCE DUST  
PRODUCTION

Ventilation: WHERE ADEQUATE NATURAL VENTILATION IS NOT AVAILABLE PROVIDE  
SUITABLE LOCAL EXHAUST VENTILATION.

Protective Gloves: IMPERMEABLE (NEOPRENE, NITRILE, PVC)

Eye Protection: SAF GLASSES/GOGG.

Other Protective Equipment: SUITABLE PROTECTIVE CLOTHING TO MIN SKIN  
CONTACT. EYEWASH STATION. SAFETY BOOTS & CLEANED WELL BEF REUSE.

Work Hygienic Practices: WHEN USING DONT EAT/DRINK/SMOKE. REMOVE CONTAM  
CLOTH; LAUNDER BEF REUSE. WASH HANDS W/SOA

P/WATER AFT HDN LG PRODUCT.

Supplemental Safety and Health

KEY1: B2. 1ST AID: EVERY 10MINS FOR 30MINS. CALL POIS CNTR &/OR SEEK MED  
ADVICE. 2-PART KIT, PNIND: B(BASE).

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

HCC: B2

Boiling Pt: B.P. Text: >347F, >175C

Melt/Freeze Pt: M.P/F.P Text: NP

Decomp Temp: Decomp Text: NP

Vapor Pres: 0.22 @25C

Vapor Density: >AIR

Spec Gravity: 1.66

pH: NP

Viscosity: NP

Evaporation Rate & Reference: NA

Solubility in Water: SLIGHT (0.1-1.0%)

Appearance and

Odor:LIGHT GRAY PASTE WITH AMMONICAL ODOR.

Percent Volatiles by Volume:0

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS,ACIDS,EPOXY RESINS AND ISOCYANATES.

Hazardous Decomposition Products:GASEOUS CONTAMINATIONS OF  
CARBON,HYDROGEN,NITROGEN AND OXYGEN MAY OCCUR @ELEVATED  
TEMPERATURES.

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

Waste Disposal Methods:CHEM

SUBJ TO SARA TITLE III SEC 313 REPORTING

REQMTS:PEHNOL 1.7%BY WT.DISPOSE OF IAW LOCAL, STATE AND FEDERAL  
REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competen  
t professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.