

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 =====

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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 Condition Aggravated by Exposure:SKIN AND EYE CONDITIONS.

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

First Aid:INHAL:SYMPT EXPERIENCED REMOVE SOURCE OF CONTAMINANT &/OR MOVE
TO FRESH AIR.RECOVERY DELAYED/SIGNS OF DISTRESS PRESENT OBTAIN MED
ADVICE IMMEDIATELY.EYE:FLUSH WITH WATER FOR 15 MINUTES.IMMEDIATE MEDICAL ATTENTION NECESSARY TO
PREVENT DAMAGE.IRRITATION PERSISTS GET MEDICAL ADVICE.SKIN:IMMEDIATELY REMOVE EXCESS
WASH WELL WITH SOAP/WATER.IRRITATION/INFLAMMATION PERSISTS GET MEDICAL
ADVICE.INGEST:DON'T INDUCE VOMIT.RINSE MOUTH WITH WATER.DRINK 1 CUP OF
WATER(SUPPLEMENT)

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===== 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 MATERIAL.
Unusual Fire/Explosion Hazard:DECOMPOSITION & COMBUSTION PRODUCTS MAY
BE HAZARDOUS.

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

Spill Release Procedures:ABSORB WITH INERT MATERIAL(E.G.EARTH,SAND).SWEEP
UP,PLACE IN SUITABLE LABELLED CONTAINERS,SEAL,DISPOSE OF PROPERLY.FLUSH
AREA WITH 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 HDNLG 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.

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