

SHAPE PRODUCTS -- REAGENT #18 NEUTRALIZATION SOLUTION -- 6750-00-200-4525

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

Product ID:REAGENT #18 NEUTRALIZATION SOLUTION

MSDS Date:08/08/1985

FSC:6750

NIIN:00-200-4525

MSDS Number: BPTWV

=== Responsible Party ===

Company Name:SHAPE PRODUCTS

Address:1127 57TH AVE.

City:OAKLAND

State:CA

ZIP:94621-4427

Country:US

Info Phone Num:415-534-1186

Emergency Phone Num:415-5

34-1186

CAGE:3D869

=== Contractor Identification ===

Company Name:SHAPE PRODUCTS

Address:1127 57TH AVE.

Box:City:OAKLAND

State:CA

ZIP:94621-4427

Country:US

Phone:510-534-1186 OR 800-444-0015

CAGE:3D869

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

Ingred Name:SODIUM CARBONATE

CAS:497-19-8

RTECS #:VZ4050000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT KNOWN

Routes of Ent

ry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PROLONGED OR REPEATED SKIN EXPOSURE
MAY CAUSE SENSITIZATION.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES:CORROSIVE,CAUSES CONJUNCTIVAL EDEMA &
CORNEAL DESTRUCTION.SKIN:BLISTERING & REDNESS.SOLUTION MAY CAUSE
SEVERE IRRITATION OR BURNS.INHALATION:DUST MAY CAUSE IRRITATION
WITH COUGHING & LABORED BREATHING.CAUSES DAMAGE TO NASAL
SEPTUM.INGESTION:LARGE DOSES MAY BE CORROSIVE CAUSING
PAIN,VOMITING,DIARRHEA,COLLAPSE.
Medical Cond Aggravated by Exposure:NOT KNOWN

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

First Aid:EYES:WASH WITH PLENTY OF WATER FOR AT LEAST 15 MIN,LIFT UPPER
& LOWER LIDS.GET MED ATTN. SKIN:REMOVE CONTAMINATED CLOTHING.WASH
SKIN WITH SOAP & WATER FOR AT LEAST 15 MIN.GET MED ATTN IF
IRRITATION DEVELOPS. INGESTION:DO NOT INDUCE VOMITING!GIVE WATER
OR MILK.NEVER
GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.GET MED
ATTN. INHALATION:REMOVE TO FRESH AIR.GET MED ATTN FOR ANY BREATHING
DIFFICULTY.

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

Flash Point:NONFLAMMABLE
Lower Limits:NOT KNOWN
Upper Limits:NOT KNOWN
Extinguishing Media:USE ANY MEANS SUITABLE FOR EXTINGUISHING
SURROUNDING FIRE.
Fire Fighting Procedures:USE PROTECTIVE CLOTHING AND BREATHING
EQUIPMENT APPROPRIATE FOR SURROUNDING FIRE.
Unusual Fire/Explosion
Hazard:NOT CONSIDERED AN EXPLOSION HAZARD,BUT
EXPLOSION MAY OCCUR WHEN APPLIED TO RED-HOT ALUMINUM.

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

Spill Release Procedures:PROTECTION AGAINST SKIN CONTACT OR INHALATION
OF DUST OR MIST.SCOOP UP,PLACE IN SEALABLE CONTAINERS.FLUSH
RESIDUES TO HOLDING AREA,NEUTRALIZE WITH DILUTE HYDROCHLORIC
ACID.RECLAIM AND REUSE AS MUCH AS POSSIBLE.
Neutralizing Agent:DILUTE HYDROCHLORIC ACID.

===== Handlin

g and Storage =====

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTAINER,STORE
IN COOL,DRY,VENTILATED AREA.PROTECT AGAINST PHYSICAL DAMAGE.ISOLATE
FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH
THIS MATERIAL.

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

Respiratory Protection:FOR DUST EXPOSURE WEAR DUST/MIST RESPIRATOR,FOR
EMERGENCIES SELF-CONTAINED BREATHING APPARATUS MAY BE NECESSARY.

Ventilation:LOCAL EXHAUST SYSTEM WHICH CAPTURES CONTAMINATION AT ITS
SOURCE IS RECOMMENDED TO PREVENT DISPERSION INTO WORKROOM AIR.

Protective Gloves:PROTECTIVE GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES AND/OR(SUP DATA)

Other Protective Equipment:MAINTAIN EYE WASH FOUNTAIN AND QUICK-DRENCH
FACILITY IN WORK AREA.

Work Hygienic Practices:DO NOT GET IN EYES,ON SKIN,OR ON CLOTHING.AVOID
BREATHING DUST.WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

EYE

PROT:FULL FACE SHIELD WHERE DUSTING OR SPLASHING OF SOLUTIONS IS
POSSIBLE.

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

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:1564F,851C

Decomp Temp:Decomp Text:NOT KNOWN

Vapor Pres:NOT KNOWN

Vapor Density:NOT KNOWN

Spec Gravity:2.53 (WATER=1)

Evaporation Rate & Reference:NOT KNOWN

Solubility in Water:45.5 G/100 CC @ 100C

Appearance and Odor:WHITE,ODORLESS POWDER OR GRANULES.

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

Stability Indicator/Materials to Avoid:YES

PHOSPHORUS PENTOXIDE,SULFURIC ACID,ZINC,LITHIUM,MOISTURE,CALCIUM
HYDROXIDE AND 2,4,6-TRINITROTOLUENE,ACIDS.

Stability Condition to Avoid:NOT KNOWN

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE
WHEN HEATED TO DECOMPOSITION.REACTS VIOLENTLY WITH ACIDS TO FORM
CARBON DIOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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Waste Disposal Methods:DISPOSAL MUST BE IAW FEDERAL,STATE,LOCAL REGULATIONS.COORDINATE WITH SUPPORTING INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL .IF LOCAL ORDINANCES ALLOW,NEUTRALIZED WASTES CAN USUALLY BE FLUSHED TO DRAIN WITH EXCESS OF WATER.

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