

NATIONAL ENGINEERING PRODUCTS INC -- COPALTITE -- 8030-00-271-9273

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Product Identification  
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Product ID:COPALTITE

MSDS Date:07/20/1990

FSC:8030

NIIN:00-271-9273

MSDS Number: BMSLC

=== Responsible Party ===

Company Name:NATIONAL ENGINEERING PRODUCTS INC

Address:5110 RIDGEFIELD ROAD SUITE 411

City:BETHESDA

State:MD

ZIP:20816

Country:US

Info Phone Num:301-656-1688

Emergency Phone Num:202-52

6-6274

CAGE:76641

=== Contractor Identification ===

Company Name:NATIONAL ENGINEERING PRODUCTS INC

Address:5110 RIDGEFIELD RD SUITE 411

Box:City:BETHESDA

State:MD

ZIP:20816

Country:US

Phone:202-526-6274

CAGE:76641

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Composition/Information on Ingredients  
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Ingred Name:PHENOLIC RESIN

ACGIH TLV:5 PPM, S (MFR)

Ingred Name:CRESOL, ALL ISOMERS; (CRESYLIC ACID) (SARA III)

CAS:1319-77-3

RTECS #:GO5950000

Fraction by Wt: 20.0%

OSHA PEL:5 PPM, S

ACGIH TLV:5 PPM, S

EPA Rpt Qt

y:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL ALCOHOL; (ETHANOL)  
CAS:64-17-5  
RTECS #:KQ6300000  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM

Ingred Name:FORMALDEHYDE (SARA III)  
CAS:50-00-0  
RTECS #:LP8925000  
Fraction by Wt: 0.40%  
OSHA PEL:SEE 1910.1048  
ACGIH TLV:C 0.3 PPM; A2; 9293  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:METHYL ALCOHOL; (METHANOL) (SARA III)  
CAS:67-56-1  
RTECS #:PC1400000  
Fraction by Wt: 10.0%  
OSHA PEL:S,200PPM/250STEL  
ACGIH TLV:S,200PPM/250STEL; 93  
EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000

Ingred Name:BARIUM; (BARIUM COMPOUND) (SARA III)  
CAS:7440-39-3  
RTECS #:CQ8370000  
Fraction by Wt: 2.50%  
OSHA PEL:0.5 MG/M3  
ACGIH TLV:0.5 MG/M3

Ingred Name:PHENOL (SARA III)  
CAS:108-95-2  
RTECS #:SJ3327000  
Fraction by Wt: 2.0%  
OSHA PEL:5 PPM, S  
ACGIH TLV:5 PPM, S  
EPA Rpt

Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:SKIN:SEVERE IRRITATION, MARKED LOCAL  
REDNESS. INHAL:DIZZINESS, DROWSINESS, TINGLING AND PAINS IN HANDS  
AND ARMS. EYES:SEVERE IRRITATION, MARKED REDNESS AND SWELLING OF  
CONJUNCTIVA AND CH  
EMICAL BURNS O F THE CORNEA.  
Explanation of Carcinogenicity:FORMALDEHYDE:GROUP 2 (NTP), GROUP 2A  
(IARC), OSHA-REGULATED.  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:ASTHMA-FROM INHALATION.  
DERMATITIS-FROM SKIN CONTACT.

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

First Aid:INGEST:INDUCE VOMITING. CALL MD. SKIN:REMOVE CONTAMINATED  
CLOTHING AND WASH WITH SOAP AND WATER. EYES:FLUSH WITH WATER FOR AT  
LEAST 15 MINUTES AND S  
EE OPHTHALMOLOGIST. INHAL:REMOVE VICTIM TO  
FRESH AIR.

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

Flash Point Method:TOC  
Flash Point:>190F,>88C  
Lower Limits:6.7%  
Upper Limits:36%  
Extinguishing Media:USE CARBON DIOXIDE OR DRY CHEMICALS ON SMALL FIRE.  
FOAM OR WATER FOG ON LARGE FIRES.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:MATERIAL CAN POLYMERIZE RAPIDLY AND  
RUPTURE CONTAINERS.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING AND COLLECT FOR DISPOSAL. DO NOT DISCHARGE TO WATERWAYS. DO NOT USE ON PLUMBING USING DRINKING WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT AND OPEN FLAME. STORE AT 72F OR LESS TO MAINTAIN USEFULNESS OF PRODUCT.

Other Precautions:AVO

ID CONTACT WITH EYES OR SKIN. WEAR GLOVES. WASH IF CONTACT IS MADE WITH SKIN. USE WITH ADEQUATE VENTILATION. DO NOT CONTAMINATE GROUND WATER.

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

Respiratory Protection:IN HIGH CONCENTRATIONS USE NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST MAY BE NECESSARY FOR PROPER CONTROL OF PHENOL AND FORMALDEHYDE VAPORS BELOW THEIR THRESHOLD LIMIT.

Protective Gloves:RUBBER OR PLASTIC GLOVE

S.

Eye Protection:MONOGOGGLES. CHEM WORKERS GOGGLES

Other Protective Equipment:CHEMICAL APRON, EYE BATH, SAFETY SHOWER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

SPEC GRAVITY:1.035-1.065 (H\*2O = 1).

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

Boiling Pt:B.P. Text:181F,83C

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