

PERMABOND INTERNATIONAL -- 78-4310 PERMA-LOK MM 115 -- 8030-01-014-5869

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Product Identification
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Product ID:78-4310 PERMA-LOK MM 115

MSDS Date:03/25/1993

FSC:8030

NIIN:01-014-5869

MSDS Number: BHBCC

=== Responsible Party ===

Company Name:PERMABOND INTERNATIONAL

Address:480 SOUTH DEAN STREET

City:ENGLEWOOD

State:NJ

ZIP:07631

Country:US

Info Phone Num:908-685-5000

Emergency Phone Num:908-

685-5000

Preparer's Name:PHILIP A. TOSCANO

CAGE:DO525

=== Contractor Identification ===

Company Name:NATIONAL STARCH AND CHEMICAL CORP

Address:10 FINDERNE AVE

Box:6500

City:BRIDGEWATER

State:NJ

ZIP:08807

Country:US

Phone:908-685-5379; FAX:908685-5306

CAGE:85091

Company Name:PERMABOND INTERNATIONAL

Address:480 S. DEAN ST.

City:ENGLEWOOD

State:NJ

ZIP:07631

Phone:201-685-5000

CAGE:DO525

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Composition/Information on Ingredients
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Ingred Name:TETRAETHYLENE GLYCOL DIMETHACR

YLATE
CAS:109-17-1
RTECS #:OZ4000000
Fraction by Wt: >1%

Ingred Name:HYDROXYETHYL METHACRYLATE, ETHYLENE GLYCOL METHACRYLATE
CAS:868-77-9
RTECS #:OZ4725000
Fraction by Wt: >1%
Other REC Limits:3 PPM

Ingred Name:CUMENE HYDROPEROXIDE
CAS:80-15-9
RTECS #:MX2450000
Fraction by Wt: >1%
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT): 800 MG/KG (SEE SUPP)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: IRRITATION. SKIN: IRRITATION &
DERMATITIS, SENSITIZATION, PARTIAL OR WHOLE-BODY DERMATITIC RASH.
INHALATION: RESPIRATORY IRRITATION. INGESTION: NAUSEA & VOMITING.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:SKIN: ABSORPTION MAY PRODUCE NERVOUS SYSTEM
EFFECTS SUCH AS ATAXIA.

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

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN:
WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. IF BREATHING
IS DIFFICULT, GIVE OXYGEN. IF BREATHING STOPS, GIVE ARTIFICIAL
RESPIRATION. INGESTION: DON'T INDUCE VOMITING. IF CONSCIOUS, GIVE
MILK OR WATER TO DILUTE STOMACH CONTENTS. KEEP WARM & QUIET. DON'T
GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. OBTAIN MEDICAL ATTENTION IN
ALL CASES.

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

Flash Point Method:SCC

Flash Point:230F

Extinguishing Media:CO2, DRY CHEMICAL, FOAM, WATER FOG

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. COOL EXPOSED EQUIPMENT W/WATER SPRAY.

Unusual Fire/Explosion Hazard:POLYMERIZATION MAY TAKE PLACE AT ELEVATED TEMPERATURES.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING. STOP LEAK IF SAFE TO DO SO. TAKE UP SAND OR INERT ABSORBENT MATERIAL & PLACE IN CONTAINER FOR LATER DISPOSAL. IN BULK QUANTITIES, PRODUCT ABSORBED ON INERT MATERIAL MAY POLYMERIZE GENERATING SIGNIFICANT HEAT & PRESSURE.

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

Handling and Storage Precautions:AVOID EXCESSIVE HEAT. STORE OUT OF DIRECT SUNLIGHT IN A DRY AREA. MAXIMUM STORAGE TEMPERATURE IS 100F. Other Precautions:KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR IF VAPOR OR MIST LEVELS ARE IRRITATING OR ABOVE TLV LEVELS.

Ventilation:GENERAL

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES, GOGGLES OR FACE SHIELD

Work Hygienic Practices:REMOVE/LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS BEFORE EATING/DRINKING/SMOKING/USING TOILET FACILITIES.

Supplemental Safety and Health

BOILING POINT: POLYMERIZES BEFORE BP ATTAINED. LD50 INFORMATION IS FOR CUMENE HYDROPEROXIDE.

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

Boiling Pt:B.P. Text:SEE SUPP

Vapor Pres:0.01

Vapor Density:1.01

Spec Gravity:1.070

Solubility in Water:INSOLUBLE

Appearance and Odor:BLUE LIQUID W/MILD, PLEASANT ODOR

Percent Volatiles by Volume: