

PERMABOND INTERNATIONAL -- PERMA-LOK HM 128 -- 8030-00-148-9833

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

Product ID:PERMA-LOK HM 128

MSDS Date:08/02/1988

FSC:8030

NIIN:00-148-9833

MSDS Number: BHFMZ

=== Responsible Party ===

Company Name:PERMABOND INTERNATIONAL

Address:480 SOUTH DEAN STREET

City:ENGLEWOOD

State:NJ

ZIP:07631-9990

Country:US

Info Phone Num:201-567-9494 / 800-526-4741

Emergency Phone Num:

201-685-5000 / 800-42-9300

Preparer's Name:PHILIP A. TOSEANO

CAGE:61078

=== Contractor Identification ===

Company Name:PERMABOND INTERNATIONAL,DIV NATIONAL STARCH & CHEM

Address:480 S. DEAN ST.

Box:City:ENGLEWOOD

State:NJ

ZIP:07631

Country:US

Phone:201-685-5000

CAGE:61078

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

Ingred Name:TETRAETHYLENEGLYCOL DIMETHACRYLATE

(SKIN AND EYE IRRITANT)

CAS:109-17-1

RTECS #:OZ4000000

Fraction by Wt: 55%

Ingred Name:HYDROXY

ETHYL METHACRYLATE  
(EYE AND SKIN IRRITANT)

CAS:868-77-9

RTECS #:OZ4725000

Fraction by Wt: 15%

Ingred Name:1-METHYL-1-PHENYLETHYL HYDROPEROXIDE (CUMENE HYDROPEROXIDE)  
(SARA III)

CAS:80-15-9

RTECS #:MX2450000

Fraction by Wt: 3%

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:SACCHARIN (SARA III)

CAS:81-07-2

RTECS #:DE4200000

Fraction by Wt: 2%

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:DIMETHYL-P-TOLUIDINE  
(EYE AND SKIN IRRITANT)

CAS:99-97-8

RTECS

#:XU5803000

Fraction by Wt: 1%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Effects of Overexposure:PROLONGED CONTACT MAY CAUSE SKIN IRRITATION AND  
WILL CAUSE EYE IRRITATIONS. IN VAPOR OR MIST FORM, MAY CAUSE  
IRRITATION TO RESPIRATORY TRACT.

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

First Aid:EYE: HOLD EYE OPEN & FLUSH W/PLEN

TY OF WATER, CONSULT A

PHYSICIAN SKIN: WASH WITH SOAP AND WATER, CONSULT

PHYSICIAN IF RASH DEVELOPS INHAL: REMOVE TO FRESH AIR,

GIVE OXYGEN OR ARTITIFICAL RESPIRATION IF NEEDED,CONSULT A

PHYSICIAN

INGST: DO NOT INDUCE VOMITING, GIVE WARM WATER AND GET IMMEDIATE

MED. ATTN.

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

Flash Point Method:SCC

Flash Point:230F/110C

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:FOAM, CO

2, DRY CHEMICAL, WATER FOG

Fire Fighting Procedures:WEAR SCBA IF NECESSARY TO PREVENT INHALATION OF VAPORS.

Unusual Fire/Explosion Hazard:IN LARGER QUANTITIES, COULD UNDERGO VIOLENT POLYMERIZATION GENERATING SIGNIFICANT

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

Spill Release Procedures:DIKE & ABSORB W/INERT MATERIAL SUCH AS NU-DRI CAUTION IN BULK QUANTITIES, PRODUCT ABSORBED ON INERT MATERIAL MAY POLYMERIZE GENERATING SIGNIFICANT HEAT. MAY BE

NECESSARY TO VENT DISPOSAL CONTAINERS TO AVOID BUILD UP OF PRESSURE.

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

Handling and Storage Precautions:STORE IN COOL LOCATION OUT OF DIRECT SUNLIGHT. SPRAY OR MISTS PRESENTS AN INHALATION HAZARD. AVOID EYE AND SKIN CONTACT.

Other Precautions:FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NONE NORMALLY NEEDED. WITH SPRAY OR MIST, NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS SHOULD BE WORN.

Ventilation:LOCAL EXHAUST

Protective Gloves:POLYETHYLENE OR RUBBER GLOVES

Eye Protection:SAFETY GLASSES

Other Protective Equipment:PROTECTIVE CLOTHING

Supplemental Safety and Health

NK

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

Vapor Pres.:.01 @ 77F

Vapor Density:1.01

Spec Gravity:1.07 @ 68F

Viscosity:500 CPS

Evaporation Rate & Reference:NA

Solubility in Water:INSOLUBLE

Appearance a

nd Odor:RED LIQUID MILD PLEASANT ODOR  
Percent Volatiles by Volume: