

PERMABOND INTERNATIONAL -- PERMA-LOC HM 160 -- 8030-00-111-6404

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

Product ID:PERMA-LOC HM 160

MSDS Date:08/02/1988

FSC:8030

NIIN:00-111-6404

MSDS Number: BGXQJ

=== 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

Emergency Phone Num:201-685-5000

Pr

eparer's Name:PHILLIP 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:ARYL DIMETHACRYLATE (EYE AND SKIN IRRITANT)

CAS:2448-20-2

Fraction by Wt: 58%

Ingred Name:HYDROETHYL METHACRYLATE (EYE AND SKIN IRRITANT)

CAS:868-77-9

RTECS #:OZ4725000

Fr

action by Wt: 25%
Other REC Limits:TWA 3PPM

Ingred Name:METHACRYLIC ACID
CAS:79-41-4
RTECS #:OZ2975000
Fraction by Wt: 6%
OSHA PEL:S, 20 PPM
ACGIH TLV:20 PPM; 9192

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: 2.5%
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:DIETHYLANILINE
CAS:9
1-66-7
RTECS #:BX3400000
Fraction by Wt: 1%
OSHA PEL:S; 2 PPM
ACGIH TLV:S; 2 PPM; 8990

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:SKIN AND EYE IRRITATION AND THE
POTENTIAL FOR SENSITIZATION WHICH MAY OCCUR IN CERTAIN INDIVIDUALS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:PROLONGED CONTACT MAY CAUSE SKIN IRRITATION AND
WILL CAUSE EYE IRRITATION. IN VAPOR

OR MIST FORM, MAY CAUSE IRRITATION TO RESPIRATORY TRACT.

Medical Cond Aggravated by Exposure: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:SKIN:WASH WITH SOAP AND WATER. CONSULT PHYSICIAN IF RASH DEVELOPS. EYES:HOLD EYE OPEN AND FLUSH WITH PLENTY OF WATER. CONSULT PHYSICIAN. INHALATION: MOVE VICTIM TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. CONSULT PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE WARM WATER AND GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:SCC
Extinguishing Media:FOAM,CO2,DRY CHEMICAL,WATER FOG.
Fire Fighting Procedures:OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.WEAR PROTECTIVE CLOTHING TO PREVENT CONTACT AND SELF-CONTAINED BREATHING APPARATUS IF NECESSARY
Unusual Fire/Explosion Hazard:IN LARGER QUANTITIES, COULD UNDERGO VIOLENT POLMERIZATION GENERATING SIGNIFICANT HEAT AND PRESSURE.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING. DIKE AND ABSORB WITH INERT MATERIAL SUCH AS NU-DRI. CAUTION: IN BULK QUANTITIES, PRODUCT ABSORBED ON INERT MATERIAL MAY POLYMERIZE GENERATING SIGNIFICANT HEAT. MAYBE NECESSAR Y TO VENT DISPOSAL CONTAINERS TO AVOID BUILDUP.

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

Handling and Storage Precautions:STORE IN COOL LOCATION OUT OF DIRECT SUNLIGHT.AVOID SKIN AND EYE CONTACT.SPRAY OR MIST PRESENTS AN INHALATION HAZARD.
Other Precautions:KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:NONE NEEDED NORMALLY. WITH SPRAY OR MIST, NIOSH APPROVED RESPIRATOR F

OR ORGANIC VAPORS SHOULD BE WORN.

Ventilation:LOCAL EXHAUST-IF NEEDED FOR WORKERS COMFORT.

Protective Gloves:POLYETHYLENE OR RUBBER GLOVES.

Eye Protection:SAFETY GLASSES MUST BE WORN.

Other Protective Equipment:AS REQUIRED TO PROTECT CLOTHING.

Supplemental Safety and Health

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

Vapor Pres: