

NAT.STARCH & CHEM. CO,PERMABOND INTERNATIONAL DIV. -- PERMA-LOK (R) LH 150 --
8030-01-329-6338

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

Product ID:PERMA-LOK (R) LH 150

MSDS Date:10/25/1990

FSC:8030

NIIN:01-329-6338

MSDS Number: BSFMJ

=== Responsible Party ===

Company Name:NAT.STARCH & CHEM. CO,PERMABOND INTERNATIONAL DIV.

Address:FINDERNE AVE

Box:6500

City:BRIDGEWATER

State:NJ

ZIP:08807

Country:US

Info

Phone Num:201-685-5379

Emergency Phone Num:201-685-5000

Preparer's Name:PHILIP A. TOSCANO

CAGE:NO442

=== Contractor Identification ===

Company Name:NAT.STARCH & CHEM. CO,PERMABOND INTERNATIONAL DIV.

Address:FINDERNE AVE

Box:6500

City:BRIDGEWATER

State:NJ

ZIP:08807

Country:US

Phone:201-685-5379

CAGE:NO442

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

===== Compositio

n/Information on Ingredients =====

Ingred Name:NON-HAZARDOUS
Fraction by Wt: 1%
Other REC Limits:NONE SPECIFIED

Ingred Name:VOLATILE ORGANIC COMPOUNDS
RTECS #:9999999VO
Fraction by Wt: 1%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES;IRRITATING.MAY INJURE EYE TISSUE
IF NOT REMOVED
PROMPTLY.SKIN:PROLONGED CONTACT MAY IRRITATE OR
CAUSE DERMATITIS.INHAL:NOT A ROUTE OF ENTRY.INGEST:NOT EVALUATED.
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.
Effects of Overexposure:INGEST:PRESUMED TO CAUSE NAUSEA AND VOMITING.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:GET MEDICAL ATTENTION.EYES:IMMEDIATELY FLUSH WITH WATER FOR
15 MINUTES,LIFTING UPPER & LOWER LIDS.SKIN:WASH THOROUGHLY WITH
SOAP & WATER.INHALATION:FIRST AID IS NOT NORMALLY REQUIRED.REMOVE
TO FRESH AIR.GIVE ARTIFICIAL RESPIRATION/OXYGEN IF
NEEDED.INGESTION:DO NOT INDUCE VOMITING.IF CONSCIOUS,GIVE
MILK/WATER TO DILUTE STOMACH CONTENTS.KEEP WARM & QUIET.GET MEDICAL
HELP.

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

Flash Point Method:SCC
Flash Point:230F,110C
Extinguishing Media:

CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures: FIRE FIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC & IRRITATING FUMES. COOL FIRE EXPOSED CONT W/WATER
Unusual Fire/Explosion Hazard: POLYMERIZATION MAY OCCUR AT ELEVATED TEMPERATURE.

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

Spill Release Procedures: STOP LEAK IF POSSIBLE. FOR SMALL SPILLS, TAKE UP WITH SAND OR OTHER INERT ABSORBENT MATERIAL & PLACE IN A CONTAINER FOR LATER DISPOSAL. IN BULK QUANTITIES, PRODUCT ABSORBED ON INERT MATERIAL MAY POLYMERIZE GENERATING HEAT & PRESSURE.
Neutralizing Agent: NONE

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

Handling and Storage Precautions: STORE AT ROOM TEMPERATURE >100F, IN A DRY PLACE AWAY FROM DIRECT SUNLIGHT.
Other Precautions: TETRAETHYLENE GLYCOL DIMETHACRYLATE IS A SKIN AND EYE IRRITANT, AND A SKIN SENSITIZER.

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

Respiratory Protection: NONE NORMALLY REQUIRED. USE NIOSH APPROVED RESPIRATOR IF VAPOR OR MIST LEVELS ARE IRRITATING.
Ventilation: GENERAL (ROOM) VENTILATION.
Protective Gloves: AS NEEDED
Eye Protection: GOGGLES, SAFETY GLASSES, FACE SHIELD
Other Protective Equipment: EYE WASH STATION.
Work Hygienic Practices: WASH HANDS. SEPERATE WORK CLOTHES FROM STREET CLOTHES. LAUNDER WORK CLOTHES BEFORE REUSE. KEEP FOOD OUT OF THE WORK AREA.
Supplemental Safety and Health
NONE

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

HCC: N1
Boiling Pt: B.P. Text: POLYMERIZES
Vapor Pres: 0.01 @ 77F
Vapor Density: 1.01
Spec Gravity: 1.070
Evaporation Rate & Reference: NOT NOTED
Solubility in Water: INSOLUBLEE
Appearance and Odor: WHITE PASTE, MILD PLEASANT ODOR
Percent Volatiles by Volume: