

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:04/06/1990

FSC:8030

NIIN:01-329-6338

MSDS Number: BJPQQ

=== 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

===== 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:ACUTE-EYES:IRRITATING & MAY INJURE EYE
TISSUE IF NOT REMOVED PROMPTLY.SKIN:PROLONGED/REPEATED CONTACT MAY
CAUSE IRRITATION,DERMATITIS & SENSITIZATION.INHALATIO
N:LOW
VOLATILITY.INGESTION:ASSUMED TO BE NAUSEA &
VOMITING.CHRONIC-SENSITIZATIONMAY OCCUR CAUSING DERMATITIS WITH
EVEN MINIMAL CONTACT.
Effects of Overexposure:SEE HEALTH HAZARDS SECTION.
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.INHALA
TION:FIRST AID IS NOT NORMALLY REQUIRED.REMOVE
TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED.INGESTION:DO NOT INDUCE
VOMITING.IF CONSCIOUS,GIVE MILK/WATER TO DILUTE STOMACH
CONTENTS.KEEP WARM & QUIET.

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

Flash Point Method:SCC
Flash Point:230F,110C
Extinguishing Media:WATER FOG, CO2, FOAM & DRY CHEMICAL. COOL EXPOSED
EQUIPMENT WITH WATER SPRAY.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD BE EQUIPPED WITH
SELF-CON
TAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY
TOXIC & IRRITATING FUMES.
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 POLYMERIZ E GENERATING HEAT &

PRESSURE.

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

Handling and Storage Precautions:STORE AT ROOM TEMPERATURE (NOT >100F)
IN A DRY PLACE AWAY FROM DIRECT SUNLIGHT.

Other Precautions:TETRAETHYLENE GLYCOL DIMETHACRYLATE IS A SKIN AND EYE
IRRITANT, AND A SKIN SENSITIZER.

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

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH APPROVED
RESPIRATOR IF VAPOR OR MIST LEVELS ARE IRRITATING.

Ven

tilation:GENERAL

Protective Gloves:NEOPRENE OR BUTYL

Eye Protection:GOGGLES,SAFETY GLASSES,FACE SHIELD

Other Protective Equipment:EYE WASH STATION.

Work Hygienic Practices:WASH HANDS WITH SOAP AND WATER AFTER
HANDLING.LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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===== 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: