View NSN Online: https://aerobasegroup.com/nsn/8030-00-148-9833

NATIONAL STARCH AND CHEMICAL CORPORATION -- PERMA-LOK (R) HM 128 -- 8030-00-148-9833

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

Product ID:PERMA-LOK (R) HM 128

MSDS Date:11/29/1988

FSC:8030

NIIN:00-148-9833

MSDS Number: BHMFN === Responsible Party ===

Company Name: NATIONAL STARCH AND CHEMICAL CORPORATION

Address:FINDERNE AVENUE

Box:6500

City:BRIDGEWATER

State:NJ ZIP:08807 Country:US

Info Phone Num:201-68

5-5379

Emergency Phone Num:201-685-5000 Preparer's Name:PHILIP A. TOSCANO

CAGE:85091

=== 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

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

Ingred Name:TETRAETHYLENEGLYCOL DIMETHACRYLATE

(EYE/SKIN IRRITANT, SKIN SENSITIZER)

CAS:109-17-1

RTECS #:OZ4000000

Fraction

by Wt: >1%

Ingred Name: HYDROXYETHYL METHACRYLATE (SLIGHT SKIN IRRITATION, HIGH VAPRCONCENT MAY IRRITATE RESPIRATORY TRACT, SEVERE EYE IRRIT)

CAS:868-77-9

Fraction by Wt: >1%

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

(SARA III) CAS:80-15-9

RTECS #:MX2450000 Fraction by Wt: >1% EPA Rpt Qty:10 LBS DOT Rpt Qty:10 LBS

Ingred Name:SACCHARIN (SARA III)

CAS:81-07-2

RTECS #:DE4200000 Fraction by Wt: >1% EPA Rpt Qty:100 LBS DOT Rpt Qty:100 LBS

Ingred Name: VOC. O

RGANIC CMPD 0.09 LB/GAL LESS WATER & NPRS* 10 G/L

RTECS #:9999999VO

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY INJURE EYE TISSUE IF NOT REMOVED PROMPTLY. MAY CAUSE SKIN SENSITIZATION A PARTIAL OR WHOLE BODY DERMATITIC RASH EXPERIENCED AFTER EXPOSURE. IRRITATING OR TOXIC VAPORS MAYBE RELEASED AT ELEVATED TEMPERA

TURES, BASED ON ITS LOW

VOLATILITYPRODUCT IS NOT CONSIDERED TO BE RESPIRATORY HAZARD UNDER NORMAL CONDITION OF USE

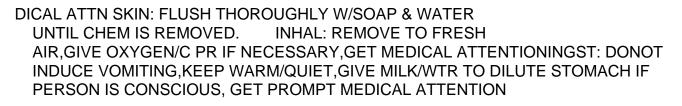
Effects of Overexposure:EYE: IRRITATING, MAY INJURE TISSUE IF NOT

REMOVED PROMPTLY SKIN: MAY IRRITATE AND CAUSE

DERMATITIS IF FREQUENT OR PROLONGED CONTACT INGST: ASSUMED

TO CAUSE NAUSEA AND VOMIT ING

First Aid:EYE: IMMED FLUSH W/LG AMNTS OF WTR FOR 15 MINS LIFTING EYELIDS GET ME



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

Flash Point Method:SCC Flash Point:230F/110C

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

Fire Fighting Procedures:W

EAR SCBA. COOL EXPOSED EQUIPMENT WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: IN LARGER QUANTITIES, COULD UNDERGO POLYMERIZATION GENERATING SIGNIFICANT HEAT AND PRESSURE

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING. STOP LEAK IF W/O RISK. SMALL SPILLS TAKE UP W/SAND OR INERT ABSORBNT MATLPLACE IN A CONTAINER FOR DISPOSAL.BULK QTY PRODUCTABSORBED ON INERT MATL MAY POLYMZ GENRT SIGN OF HT PRESS.VENT

DISPSL CONTNR TO PREVNT PRESS BUILD UP.

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

Handling and Storage Precautions:STORE AT ROOM TEMPERATURE. AVOID EXCESSIVE HEAT. STORE OUT OF DIRECT SUNLIGHT IN A DRY AREA. MAX STORAGE TEMPERATURE IS 100F.

Other Precautions:PERMA-LOK(R) PRODUCTS ARE ANAEROBIC AND POLYMERIZE IN THE ABSENCE OF AIR. SUN LIGHT, EXCESSIVE HEAT, AND CONTAMINATION BY METALS OR ANAEROBIC SURFACE CONDITIONER IN LARGE QUANTITIES, W

ILL ALSO CAUSE POLYMERIZATION.

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

Respiratory Protection: NONE REQUIRED UNDER NORMAL HANDLING CONDITIONS. USE NIOSH APPROVED RESPIRATOR IFVAPOR OR MIST LEVELS ARE IRRITATING.

Ventilation: GENERAL

Protective Gloves: MUST WEAR APPROPRIATE PROTECTIVE GLOVE Eye Protection: SAFETY GLASSES/GOGGLES OR FACE SHIELD

Work Hygienic Practices: WASH HANDS W/SOAP & WTR IF CONTACT W/PRODUCT OCCURS OR BEFOREATING, SMOKING, DRINKING, OR USING

TOILET FACILITY
Supplemental Safety and Health
REMOVE CLOTHING AND LAUNDER BEFORE REUSE IF CONTAMINATED WITH PRODUCT

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

Vapor Pres:0.01 @ 77F Vapor Density:1.01 Spec Gravity:1.070 Viscosity:500 CPS

Solubility in Water: INSOLUBLE

Appearance and Odor:RED LIQUID; MILD, PLEASANT ODOR

======== Stability and Reactivity Data ==========

Stability Indicator/Materials to Avoid:YES
METALS AND THEIR SALTS
Hazardous Decom
position Products:CARBON MONOXIDE/DIOXIDE, AND
UNIDENTIFIED ORGANIC COMPOUNDS
Conditions to Avoid Polymerization:PERMA-LOK(R) PRODUCTS ARE ANAEROBIC
AND POLYMERIZE IN THE ABSENCE OF AIR.

======= Disposal Considerations ===========

Waste Disposal Methods:DISPOSAL SHOULD BE IN ACCORDANCE WITH EXISTING FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.