

NORLAND PRODUCTS INC -- NORLAND OPTICAL ADHESIVE 61 -- 8040-01-302-7729

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Product Identification  
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Product ID:NORLAND OPTICAL ADHESIVE 61

MSDS Date:10/04/1991

FSC:8040

NIIN:01-302-7729

Kit Part:Y

MSDS Number: BPZWH

=== Responsible Party ===

Company Name:NORLAND PRODUCTS INC

Address:695 JOYCE KILMER AVE

Box:145

City:NORTH BRUNSWICK

State:NJ

ZIP:08902

Country:US

Info Phone Num:908-545-7828

Emergency Phone Num:908-545-7828

CAGE:55636

=== Contractor Identification ===

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Address:695 JOYCE KILMER AVE

Box:145

City:NORTH BRUNSWICK

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Composition/Information on Ingredients  
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Ingred Name:MERCAPTO-ESTER

Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:NOT KNOWN

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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ports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MAY CAUSE DERMATITIS.CAN CAUSE AN ALLERGIC REACTION.REPEATED OR PROLONGED SKIN CONTACT MAY CAUSE SENSITIZATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES/SKIN:MODERATE

IRRITANT.INHALATION:INHALATION OF VAPORS OR MISTS MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT.MAY CAUSE SHORTNESS OF BREATH,FAINTING,HEADACHES AND NAUSEA.

Medical Cond Aggravated by Exposure:NOT KNOWN

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

First Aid:EYES:IMMED WASH W/ COPIOUS AMTS OF WATER FOR AT LEAST 15 MIN,OCCASIONALLY LIFTING EYELIDS.GET MED ATTN IMMED. SKIN:IMMED WASH W/ SOAP & WATER.REMOVE CONTAMINATED CLOTHING & WASH AFFECTED AREA.IF IRRIT DEVELOPS,GET MED ATTN. INGESTION:DILUTE W/ MILK OR WATER IF VICTIM IS ALERT.SEE MD AS SOON AS POSS. INHALATION:IF OVERCOME BY VAPORS OR FUMES,REMOVE TO FRESH AIR.GET MED ATTN IF SYMPTOMS PERSIST

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

Flash Point Method:OC

Flash Point:350F,177C

Lower Limits:NOT KNOWN

Upper Limits:NOT KNOWN

Extinguishing Media:USE CARBON DIOXIDE,DRY CHEMICAL,OR FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL TURNOUT GEAR .

Unusual Fire/Explosion Hazard:NOT KNOWN

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

Spill Release Procedures:CONTAIN MATERIAL WITH ABSORBENTS.PLACE IN

CONTAINER FOR DISPOSAL.CLEAN UP WITH SOAP AND WATER AND FLUSH AREA WITH WATER.

Neutralizing Agent:NOT KNOWN

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

Handling and Storage Precautions:STORE AT 5-25C.KEEP AWAY FROM SUNLIGHT.DO NOT REUSE CONTAINER.THIS PRODUCT IS FOR INDUSTRIAL USE ONLY.

Other Precautions:THE USE OF CERTAIN ALCOHOLS IN CONJUNCTION WITH THIS PRODUCT CAN INCREASE THE RISK OF SKIN IRRITATION AND/OR SENSITIZATION AS THEY REMOVE THE P

## ROTECTIVE OILS ON THE SKIN.

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL OPERATING CONDTNS.RESP PROT MAY BE NEEDED UNDER CERTAIN CONDTNS WHERE SIGNIFICANT EXP TO FUMES/MISTS MAY OCCUR.AIR PURIFYING RESP EQUIPPED W/ ORGANIC VAPOR CARTRIDGES IS RECO MMENDED.SELECTION & USE MUST (SEE SUPP)

Ventilation:USE LOCAL AND MECHANICAL EXHAUST TO MINIMIZE EXPOSURE TO VAPORS OR MISTS.

Protective Gloves:NITRILE OR BUTYL RUBBER.

Eye Protection:CHEMICAL SAFETY GOGGLES .

Other Protective Equipment:LEATHER SHOES,COVER ARMS AND LEGS.

Work Hygienic Practices:PRACTICE GOOD HOUSEKEEPING AND VIGOROUS PERSONAL HYGIENE TO MINIMIZE CONTACT W/ MATERIAL.DISCARD OR WASH (SEE SUPP DATA)

Supplemental Safety and Health

REP PROT:COMPLY WITH ANY EXISTING FEDERAL STANDARDS FOR RESPIRATORY PROTECTION.HYGIENE PRACT:CONTAMINATED CLOTHING BEFORE REUSE.

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

Bo

iling Pt:B.P. Text:NOT KNOWN

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Decomp Temp:Decomp Text:NOT KNOWN

Vapor Pres:1

Spec Gravity:1.2 (WATER=1)

Evaporation Rate & Reference:SLOWER THAN BUTYL ACETATE

Solubility in Water:NOT KNOWN

Appearance and Odor:CLEAR LIQUID WITH SULFUROUS ODOR.

Percent Volatiles by Volume:65C

MAY CAUSE A NONHAZARDOUS POLYMERIZATION REACTION.

### ===== Disposal Considerations =====

Waste Disposal Methods:DISP MUST BE IAW FEDERAL,STATE,AND LOCAL REGULATIONS.COORDINATE WITH SUPPORTING INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISP .MATL MAY BE CURED SOLID BY EXPOSURE TO UV LIGHT.CURED MATL MAY BE DISPOSED OF IN LANDFILL.

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