

RH CARLSON COMPANY,INC -- NORCAST-A-4000,PART A,ADHESIVE -- 8040-01-106-2221

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Product Identification
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Product ID:NORCAST-A-4000,PART A,ADHESIVE

MSDS Date:01/01/1987

FSC:8040

NIIN:01-106-2221

Kit Part:Y

MSDS Number: BJNPN

=== Responsible Party ===

Company Name:RH CARLSON COMPANY,INC

Address:41 CHESTNUT ST

City:GREENWICH

State:CT

ZIP:06830

Country:US

Info Phone Num:203-531-5500

Emergency

Phone Num:203-531-5500

CAGE:RHCAR

=== Contractor Identification ===

Company Name:RH CARLSON COMPANY,INC

Address:41 CHESTNUT ST

Box:City:GREENWICH

State:CT

ZIP:06830

Country:US

Phone:203-531-5500

CAGE:RHCAR

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Composition/Information on Ingredients
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Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 45%

Other REC Limits:N/K

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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Haz

ards Identification =====

LD50 LC50 Mixture:N/K

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTOMS OF
OVEREXPOSURE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES:IRRITATION.SKIN:DRYING OF
SKIN.INGESTION:N/K .INHALATION:ANESTHESIA,HEADACHE,DIZZINESS AND
NAUSEA.

Medical Cond Aggravated by Exposure:N/K

===== First Aid

Measures =====

First Aid:EYES:FLUSH WITH WATER FOR 15 MINUTES.SKIN:WASH WITH MILD SOAP
AND WATER.APPLY SKIN CREAM.INGESTION:DO NOT INDUCE VOMITING.CALL A
PHYSICIAN.INHALATION:REMOVE TO FRESH AIR AND CALL A
PHYSICIAN.ADMINISTER RESUSCITATION IF NECESSARY.

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

Flash Point Method:TCC

Flash Point:41.0F,5.0C

Lower Limits:1.2

Upper Limits:7.0

Extinguishing Media:WATER SPRAY,CARBON DIOXIDE,FOAM,DRY CHEM
ICALS.

Fire Fighting Procedures:DO NOT USE WATER!

Unusual Fire/Explosion Hazard:FLAMMABLE.VAPOR FORMS EXPLOSIVE LIMITS
WITH AIR BETWEEN UPPER & LOWER EXPLOSION LIMITS.THERMAL
DECOMPOSITION AT TEMPERATURES ABOVE 575F,301C MAY (SEE SUPP DATA)

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

Spill Release Procedures:EXTINGUISH ALL IGNITION SOURCES AT ONCE.ABSORB
IN AN INERT MATERIAL AND PLACE IN A METAL CONTAINER FOR DISPOSAL.

Neutralizing Agent:N/K

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Handling and Storage
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Handling and Storage Precautions:PRACTICE REASONABLE CARE AND CLEANLINESS.KEEP AWAY FROM HEATED SURFACES,SPARKS AND OPEN FLAME.STORE IN A COOL PLACE BELOW 30C,86F.

Other Precautions:AVOID CONTAMINATION OF SKIN.WASH OFF WITH SOAP AND WATER.AVOID EXCESSIVE INHALATION.

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Exposure Controls/Personal Protection
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Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS IF LEVELS ARE ABOVE TLV.

Ventilati

on:LOCAL EXHAUST TO MAINTAIN LEVELS BELOW TLV.EXPLOSION PROOF MECHANICAL (GENERAL) VENTILATION.

Protective Gloves:RECOMMENDED

Eye Protection:WEAR CHEMICAL SAFETY GOGGLES .

Other Protective Equipment:EYE BATH,SAFETY SHOWER.

Work Hygienic Practices:N/K

Supplemental Safety and Health

SPEC GRAV:0.98 (WATER=1) RESIN SOL.EXPLO HAZ:RELEASE CARBON DIOXIDE AND SILICON DIOXIDE.WASTE DISP METH:INCINERATE UNDER SAFE CONDITIONS,OR DISPOSE OF IN LEACH PROOF LANDFILL.ROUTES OF ENTRY:INHALATIO

N/SKIN/INGESTION .

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Physical/Chemical Properties
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Boiling Pt:B.P. Text:230F,110C

Melt/Freeze Pt:M.P/F.P Text:N/K

Decomp Temp:Decomp Text:N/K

Vapor Pres:22 MMHG

Vapor Density:3.2,AIR=1

Spec Gravity:SEE SUPP DATA

Evaporation Rate & Reference:2 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:ESSENTIALLY COLORLESS LIQUID WITH AN AROMATIC ODOR.

Percent Volatiles by Volume:45

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: N/K

Hazardous Decomposition Products: THERMAL DECOMPOSITION AT TEMPERATURES ABOVE 575F, 301C MAY RELEASE CARBON DIOXIDE AND SILICON DIOXIDE.

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

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. COORDINATION WITH SUPPORTING INSTALLATION AND/OR MACOM ENVIRONMENTAL COORDINATION PRIOR TO DISPOSAL IS RECOMMENDED TO DETERMINE APPROPRIATE DISPOSAL METHODS . (SEE SUPP)

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