

UNITED RESIN CORPORATION -- HARDENER 619 -- 8030-00-051-4011

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

Product ID:HARDENER 619
MSDS Date:12/21/1994
FSC:8030
NIIN:00-051-4011
Kit Part:Y
MSDS Number: CDXPS
=== Responsible Party ===
Company Name:UNITED RESIN CORPORATION
Address:4359 NORMANDY COURT
City:ROYAL OAK,
State:MI
ZIP:48073
Country:US
Info Phone Num:810-549-8200
Emergency Phone Num:810-549-8200
CAG
E:1FD35
=== Contractor Identification ===
Company Name:UNITED RESIN CORPORATION
Address:4359 NORMANDY COURT
City:ROYAL OAK
State:MI
ZIP:48073
Country:US
Phone:248-549-8200/
CAGE:1FD35

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

Ingred Name:N-BUTYL ALCOHOL (SARA 313) (CERCLA)
CAS:71-36-3
RTECS #:EO1400000
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOC = 11.98 LB/GL
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED
OSHA PEL

:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN: IRRIT, CHEMICAL BURNS. EYE:
SEVERE IRRIT, SWELLING, CHEMICAL BURNS. INHAL: IRRIT TO UPPER
RESPIRATORY SYSTEM & MUCOUS MEMBRANES. INGEST: DAMAGE TO MUCOUS
MEMBRANE.
Explanation of Carcinogenicity:NO

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First A
id Measures
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First Aid:INHAL: REMOVE TO FRESH AIR. EYE: FLUSH W/GENEROUS AMOUNTS
WATER >15 MINUTES, GET IMMED MED AID. SKIN: IMMED WASH
W/SOAP/WATER, WASH CONTAM CLOTHES BEFORE REUSE. INGEST: DO NOT
INDUCE VOMIT, GIVE LARGE AMOUNTS WATER OR MILK IF AVAILABLE, CALL
DR.

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Fire Fighting Measures
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Lower Limits:NE
Upper Limits:NE
Extinguishing Media:WATER FOG FOAM, DRY CHEMICAL, CO2.
Fire Fighting Procedures:USE FU
LL PROTECTIVE GEAR INCLUDING POSITIVE
PRESSURE SCBA, NIOSH APPROVED, COOL FIRE EXPOSED CONTAINER W/WATER.
Unusual Fire/Explosion Hazard:COOL CONTAINER W/WATER TO PREVENT
PRESSURE BUILDUP/CONTAINER WEAKENING.

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Accidental Release Measures
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Spill Release Procedures:SMALL: COLLECT W/ABSORBENT. LARGE: DIKE
W/ABSORBENT, FLUSH AREA W/WATER, SPRAY TO REMOVE RESIDUE.

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Handling and Storage
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Handling and Stor

age Precautions:STORE AT AMBIENT TEMPERATURE IN WELL VENTED AREA, NO IGNITS, OR AMINE CURING AGENTS. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:CONTAINERS RETAIN RESIDUE.

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

Respiratory Protection:WEAR NIOSH APPROVED RESPIRATORY PROTECTION WHEN EXPOSURE LIMITS ARE EXCEEDED OR IN ABSENCE OF PROPER VENTILATION.

Ventilation:USE ONLY W/ADEQUATE VENT, LOCAL EXHAUST RECOMMENDED.

Protective Gloves:CHEMICAL RESISTANT, (PVA).

Eye Protection:SAFETY GLASSES/GOGGLES W/SIDE SHIELDS.

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:>450F,>232C

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:1.44

Evaporation Rate & Reference:NA

Solubility in Water:SLIGHT

Appearance and Odor:WHITE PASTE W/AMMONIA ODOR

Percent Volatiles by Volume:2.5

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS & BASES, SECONDARY ALIPHATIC AMINES & MERCAPTINS.

Stability Condition to Avoid:HIGH TEMPS/OPEN FLAME/UNSCHEDULED CONTACT W/CURING AGENT.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN.

Conditions to Avoid Polymerization:MIXING RESIN & HARDENER IN UNCONTROLLABLE QUANTITIES.

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

Waste D

Disposal Methods:IN ACCORDANCE W/LOCAL/STATE/FEDERAL REGULATIONS.

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