

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

Product ID:NORTECH ADHESIVE 2289

MSDS Date:11/14/1988

FSC:8040

NIIN:00-543-7170

MSDS Number: BLJVP

=== Responsible Party ===

Company Name:NORTECH ADHESIVE CORP

Address:136 HALLADAY STREET

Box:5256

City:JERSEY CITY

State:NJ

ZIP:07305

Country:US

Info Phone Num:201-433-3766

Emergency Phone Num:201-433-3766

CAGE:0GD30

=== Contractor Identification ===

Company Name

:NORTECH ADHESIVE CORP

Address:136 HALLADAY STREET

Box:5256

City:JERSEY CITY

State:NJ

ZIP:07305

Country:US

Phone:201-433-3766

CAGE:0GD30

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

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 14%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL

6475000
Fraction by Wt: 56%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE
Effects of Overexposure:EYE AND SKIN IRRITATING, DEPRESSION, HEADACHE
AND NAUSEA.
Medical Cond Aggravated by Exposure
:EXISTING EYE, SKIN AND RESPIRATORY
DISORDERS. PRE-EXISTING HEART DISORDERS MAY BE AGGRAVATED.

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

First Aid:INHALED: REMOVE TO FRESH AIR, IF NEEDED ARTIFICIAL
RESPIRATION-GET MEDICAL ATTENTION. EYE: FLUSH W/WATER (15 MIN.) GET
MEDICAL ATTENTION. SKIN: IRRIGATION. GET MEDICAL ATTENTION.
INGESTION: DON'T INDUCE VOMITING.

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

Flash Point:20.0F,-6.7C

Lower Limits:1.8
Upper Limits:11.5
Extinguishing Media:IN CASE OF FIRE, USE FOG, FOAM, DRY CHEMICALS AND
CO2 EXTINGUISHER.
Fire Fighting Procedures:HANDLE AS A VERY FLAMMABLE LIQUID.
Unusual Fire/Explosion Hazard:CONTAINER EXPOSED TO INTENSE HEAT FROM
FIRE SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE
BUILD-UP, WHICH COULD RESULT IN CONTAINER RUPTURE.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNIT

ION. DIKE &
CONTAIN SPILL WITH INERT MATERIAL (EARTH, SAND). PLEASE IN
NON-LEAKING CONTAINERS.

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

Handling and Storage Precautions:KEEP CONTAINERS WHEN NOT IN USE. KEEP
AWAY FROM ALL SOURCES OF IGNITION.
Other Precautions:AVOID SKIN AND EYE CONTACT. AVOID INHALATION OF
VAPORS.

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

Respiratory Protection:USE NIOSH RESPIRATOR IF TLV IS EXCEEDED.
Venti
lation:USE LOCAL EXHAUST AND MECHANICAL. SPECIAL: EXPLOSION-PROOF.
Protective Gloves:CHEMICAL RESISTANT.
Eye Protection:SAFETY GOGGLES.
Other Protective Equipment:SAFETY SHOWER & EYE BATH SHOULD BE
AVAILABLE.
Work Hygienic Practices:WASH WITH SOAP & WATER AFTER HANDLING.
Supplemental Safety and Health

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

HCC:F3
Boiling Pt:B.P. Text:132F,56C
Vapor Pres:186 MM HG
Vapor Density:3.2
Spec Gravity:.7
Evaporation Rate & Referen
ce:5.0 (BUTYL ACETATE = 1)
Solubility in Water:INSOLUBLE
Appearance and Odor:BROWN COLORED LIQUID, HYDROCARBON ODOR.

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

Stability Indicator/Materials to Avoid:YES
CONTACT WITH STRONG OXIDIZING AGENTS.
Hazardous Decomposition Products:CARBON MONOXIDE AND UNIDENTIFIABLE
COMPOUNDS MAY BE FORMED.

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

Waste Disposal Methods:FOLLOW FEDERAL AND LOCAL APPROVED ENVIRONM

ENTAL REGULATIONS.

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