

NORTECH ADHESIVE CORP -- NORTECH ADHESIVE 2289 -- 8040-00-543-7170

=====  
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:201-4  
33-3766  
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 E

THYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

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, DEPRESS

ION, 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 IGNITION. 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.  
Ventilation: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 & Reference: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 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.