

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

Product ID:NORTECH ADHESIVE #2189  
MSDS Date:11/14/1988  
FSC:8040  
NIIN:00-543-7170  
MSDS Number: BTSNY  
=== Responsible Party ===  
Company Name:NORTECH ADHESIVE CORP.  
Address:136 HALLADAY ST.  
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:  
e: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 RECOMMENDED  
OSHA PEL:200 PPM; Z-2  
ACGIH TLV:S, 50 PPM; 9394  
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 #:

EL6475000  
Fraction by Wt: 56%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM  
ACGIH TLV:200 PPM/300STEL 9394  
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:EYES:MAY CAUSE IRRITATION.SKIN:MAY  
CAUSE IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY  
CAUSE RESPIRATORY IRRITAT  
ION AND CNS DEPRESSION  
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.  
Effects of Overexposure:INHAL:HEADACHE,DIZZINESS,NAUSEA.  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING  
EYE,SKIN,HEART AND RESPIRATORY AILMENTS MAY BE AT INCREASED RISK  
FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND  
WATE  
R.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH  
AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT  
INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.

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

Flash Point Method:TCC  
Flash Point:20.0F,-6.7C  
Lower Limits:1.8  
Upper Limits:11.5  
Extinguishing Media:WATER FOG,FOAM,DRY CHEMICAL,CARBON DIOXIDE.  
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE E

QUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER  
FOG.

Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST AT ELEVATED  
TEMPERATURES.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.USE PROPER  
RESPIRATORY AND PROTECTIVE EQUIPMENT.SHUT OFF LEAK IF  
SAFE.DIKE.SOAK UP WITH A NON-COMBUSTIBLE INERT  
ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.WASH  
SPILL AREA TO REMOVE SLIPPINESS.

Neutraliz  
ing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED  
PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM SOURCES  
OF IGNITION.

Other Precautions:FOLLOW LABEL DIRECTIONS.AVOID BREATHING VAPORS.AVOID  
SKIN AND EYE CONTACT.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN  
ENCLOSED SPACES USE  
A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC  
VAPORS.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL)  
VENTILATION TO MAINTAIN TLV/PEL.USE EXPLOSION-PROOF EQUIPMENT.

Protective Gloves:CHEMICAL RESISTANT.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:PROVIDE A LOCAL EYE WASH STATION AND SAFETY  
SHOWER.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS  
PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health  
NONE

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

HCC:F2

Boiling Pt:=55.6C, 132.F

Vapor Pres:186

Vapor Density:3.2

Spec Gravity:0.7

Evaporation Rate & Reference:5.0 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIQUID;BROWN;HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH HEAT,SOURCES OF IGNITION.

Hazardous Decompo

sition Products:CARBON DIOXIDE,CARBON MONOXIDE, AND  
OTHER UNIDENTIFIED COMPOUNDS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND  
LOCAL REGULATIONS.

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