

NORTH AMERICAN EXPLOSIVES,NAX -- PRIMASHEET 1000 -- 1375-01-036-0449

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Product Identification  
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Product ID:PRIMASHEET 1000

MSDS Date:02/14/1989

FSC:1375

NIIN:01-036-0449

MSDS Number: BJJNZ

=== Responsible Party ===

Company Name:NORTH AMERICAN EXPLOSIVES,NAX

Address:670 HOPMEADOW ST.

Box:499

City:SIMSBURY

State:CT

ZIP:06070

Country:US

Info Phone Num:203-651-2670

Emergency Phone Num:203-651  
-2670

Preparer's Name:R.J.BONGO

CAGE:0DRG6

=== Contractor Identification ===

Company Name:NORTH AMERICAN EXPLOSIVES

Address:670 HOPMEADOW ST

Box:City:SIMSBURY

State:CT

ZIP:06070

Country:US

Phone:203-651-2670

CAGE:0DRG6

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Composition/Information on Ingredients  
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Ingred Name:PENTAERYTHRITOL TETRANITRATE (PETN)

CAS:78-11-5

RTECS #:RZ2623000

Fraction by Wt: 63%

Other REC Limits:N/K

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:NITROCELLULOSE

CAS:9004-70-0

RTECS #:QW0970000

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reaction by Wt: 9%  
Other REC Limits:N/K  
OSHA PEL:N/K  
ACGIH TLV:N/K

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Hazards Identification  
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LD50 LC50 Mixture:N/K  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES  
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/SKIN:NOT A LIKELY ROUTE OF  
EXPOSURE.INGESTION:MODERATELY TOXIC IF INGESTED.INHALATIO  
N:NOT A  
LIKELY ROUTE OF EXPOSURE.  
Medical Cond Aggravated by Exposure:N/K

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First Aid Measures  
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First Aid:EYES/SKIN:NONE.INGESTION:IF INGESTED,ADMINISTER  
EMETIC,REST.INHALATION:NONE.

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Fire Fighting Measures  
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Flash Point:NONE  
Lower Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:WATER;CONFINEMENT OF BURNING PBX COULD RESULT IN  
DETONATION.  
Fire Fighting Procedures:EXPLOSION HAZARD EXISTS.E  
VACUATE PERSONNEL TO  
SAFE PLACE.FIREMEN SHOULD NOT APPROACH CLOSER THAN 1200 FEET.  
Unusual Fire/Explosion Hazard:PBX (PLASTIC BONDED EXPLOSIVE) MAY BE  
INITIATED BY IMPACT,FRICION AND ELECTROSTATIC DISCHARGE.

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Accidental Release Measures  
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Spill Release Procedures:MAY BE SWEEPED UP WITH NON-METALLIC IMPLEMENT.  
Neutralizing Agent:N/K

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Handling and Storage  
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Handling and Storage Precautions:TRANSPORTATION M

UST BE IN ACCORDANCE

WITH FEDERAL, STATE AND LOCAL REGULATIONS. EXPLOSIVE CLASS "A".

Other Precautions: THE MATERIAL IS A HIGH EXPLOSIVE, DANGEROUS MATERIAL.

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

Respiratory Protection: NONE

Ventilation: NONE

Protective Gloves: RUBBER OR POLYMERIC.

Eye Protection: SAFETY EYE GLASSES WITH SIDE SHIELD.

Other Protective Equipment: NONE

Work Hygienic Practices: N/K

Supplemental Safety and Health

MELTING POINT: SOFTENS AT 165F, 73.89C. AUTOIGN

ITION

TEMPERATURE: 296C, 565F. IMPACT TEST: P.A. -5 KG DROP WT, >56 INCHES.

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

Boiling Pt: B.P. Text: NONE

Melt/Freeze Pt: M.P/F.P Text: SEE SUPP

Decomp Temp: Decomp Text: N/K

Vapor Pres: NONE

Vapor Density: NONE

Spec Gravity: 1.48 (WATER=1)

Evaporation Rate & Reference: NONE

Solubility in Water: NONE

Appearance and Odor: OLIVE DRAB, PUTTY-LIKE MATERIAL IN SHEETS, CORDS OR EXTRUDED SHAPES.

Percent Volatiles by Volume: 0.1

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

STRONG ACIDS, ALKALIES AND OXIDANTS.

Stability Condition to Avoid: STORAGE ABOVE 170F, 48.89C. ANY CONDITION

WHICH SUBJECTS THE MATERIAL TO SHEARING, GRINDING OR IMPACT.

Hazardous Decomposition Products: TOXIC, AVOID INHALATION AND INGESTION.

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

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH

FEDERAL, STATE AND LOCAL REGULATIONS. COORDINATION WITH SUPPORTING  
IN

STALLATION AND/OR MACOM ENVIRONMENTAL COORDINATION PRIOR TO  
DISPOSAL IS RECOMMENDED TO DETERMINE APPROPRIATE DISPOSAL METHODS

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particular situation.