

IRECO INCORPORATED -- P226JO, PRIMER, CC-114 -- 4220-01-302-2560

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

Product ID:P226JO, PRIMER, CC-114

MSDS Date:02/19/1988

FSC:4220

NIIN:01-302-2560

MSDS Number: BRPHP

=== Responsible Party ===

Company Name:IRECO INCORPORATED

Address:ELEVENTH FLOOR, CROSSROADS TOWER

City:SALT LAKE CITY

State:UT

ZIP:84144

Country:US

Info Phone Num:801-328-6444

Emergency Phone Num:80

1-328-6444

Preparer's Name:DAN RONTE

CAGE:JO851

=== Contractor Identification ===

Company Name:CONAX FLORIDA CORP

Address:2801 75TH STREET N

Box:City:SAINT PETERSBURG

State:FL

ZIP:33710-2936

Country:US

Phone:813-345-8000

CAGE:62323

Company Name:DYNO NOBEL INC

Address:ULSTER AVE

Box:730

City:PORT EWEN

State:NY

ZIP:12466

Country:US

Phone:914-338-2144

CAGE:16081

Company Name:IRECO INC

Address:ELEVENTH FLOOR CROSSROADS TOWER

Box:City:SALT LAKE CITY

State:UT

ZIP:84144-0103

Country:US

Phone:801-364-48

00/801-322-9738  
CAGE:1D557  
Company Name:IRECO INCORPORATED  
Address:PORT EWEN PLANT  
Box:City:PORT EWEN  
State:NY  
ZIP:12466  
Country:US  
Phone:914-338-2144  
CAGE:JO851

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Composition/Information on Ingredients  
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Ingred Name:HES 8028 PBO/B  
Fraction by Wt: 68% MG  
Other REC Limits:NONE RECOMMENDED

Ingred Name:LEAD OXIDE BORON  
Fraction by Wt: 125% MG  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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Routes of Entry: Inhalation: YES Skin: NO Ingestion: NO  
Reports of Carcinogenicity: NTP: YES IARC: YES OSHA: NO  
Health Hazards Acute and Chronic: NO EXPOSURE TO CHEMICAL HAZARDS  
ANTICIPATED WITH NORMAL HANDLING PROCEDURES. AVOID BREATHING FUMES  
FROM DETONATION. ACCIDENTAL DETONATION OF AN EXPLOSIVE DEVICE CAN  
CAUSE LACERATIONS, PUNCTURES, AND OTHER TRAUMATIC INJURY.  
Explanation of Carcinogenicity: LEAD AND/OR LEAD COMPOUNDS ARE LISTED AS  
CARCINOGENS BY IARC AND NTP. SEE INDIVIDUAL REPORT FOR DETAILS.  
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Effects of Overexposure: NO INFORMATION GIVEN ON MSDS BY MFR.  
Medical Cond Aggravated by Exposure: NO INFORMATION GIVEN ON MSDS BY  
MFR.

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First Aid Measures  
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First Aid: EYES: "N/A" SKIN: "N/A" INGESTED: "N/A" INHALED: IF  
DETONATION FUMES ARE INHALED, REMOVE TO FRESH AIR. IF BREATHING  
STOPS, GIVE ARTIFICIAL RESPIRATION.

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Fire Fighting Measures  
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Extinguishing Media: NONE  
Fire Fighting Procedures: F

FIRES INVOLVING EXPLOSIVE MATERIAL SHOULD NOT BE FOUGHT. EVACUATE PERSONNEL TO A SAFE LOCATION. BURNING MATERIAL MAY PRODUCE TOXIC VAPORS.

Unusual Fire/Explosion Hazard:EXPLOSIVE DEVICES WILL ACTIVATE IF SUBJECTED TO EXTREME HEAT OR FIRE. PACKAGED DEVICES EXPLODE ONE AT A TIME. UNPACKED DEVICES CAN MASS DETONATE.

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

Spill Release Procedures:REPACKAGE DEVICES IN UNIT ISOLATING TRAYS. ACCOUNT FOR EVERY DEVICE.

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

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

Handling and Storage Precautions:STORE UNDER MLOCK & KEY IN A COOL, DRY PLACE. ALLOW ONLY TRAINED, AUTHORIZED PERSONNEL TO HANDLE ITEM. EVACUATE ALL NON-ESSENTIAL PERSONNEL WHEN USED.

Other Precautions:NO SMOKING IN AREA. IF FIRE OR ELECTRICAL STORM OCCURS, EVACUATE AREA TO A SAFE DISTANCE. PROTECT FROM BATTERIES, STRAY ELECTRICAL CURRENTS. KEEP SHUNTS IN PLACE.

E. FOLLOW DOD  
4145.26M.

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

Respiratory Protection:NONE REQUIRED

Ventilation:NONE REQUIRED FOR NORMAL HANDLING. AVOID BREATHING FUMES FROM DETONATION.

Protective Gloves:COTTON

Eye Protection:SAFETY GLASSES

Other Protective Equipment:COTTON CLOTHING SUGGESTED TO REDUCE DANGER OF DETONATION FROM STATIC DISCHARGE.

Work Hygienic Practices:ELECTROIC DETONATING DEVICES AND THEIR COMPONENTS DO NOT PRESENT HEALTH HAZARDS IN NORMAL HANDLING AND USE.

Supplemental Safety and Health

KEY2:KT

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

HCC:E2

NRC/State Lic Num:NONE

Appearance and Odor:NO INFORMATION GIVEN ON MSDS BY MFR.

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

Stability Indicator/Materials to Avoid:NO CORROSIVES

Stability Condition to Avoid:EXCESSIVE HEAT (ABOVE 160F), IMPACT, FRICTION AND ELECTRICAL IMPULSE. DO NOT DISASSEMBLE.

Hazardous Decomposition P

roducts:AS A RESULT OF DETONATION; LEAD OXIDE,  
NITROGEN OXIDE CARBON MONOXIDE

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL, STATE & LOCAL  
REGULATIONS. CONSULF MANUFACTURER FRO BEST DISPOSAL METHOD.  
DISPOSAL GOVERNED BY RCRA 40CFR260-271.

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