

27A - GRAY PRIMER

MSDS Number

BNVPN

National Stock Number

8010-00N031514

Product Name

27A - GRAY PRIMER

Manufacturer

NEW YORK BRONZE POWDER CO INC

Product Identification

Product ID:27A - GRAY PRIMER

MSDS Date:04/19/1986

FSC:8010

NIIN:00N031514

MSDS Number: BNVPN

Responsible Party

NEW YORK BRONZE POWDER CO INC

777 DOWD AVE

ELIZABETH , NJ 07201

US

Emergency Phone: 800-692-2677

Info Phone: 201-289-4900

Cage: 0AU16

Contractor

NEW YORK BRONZE INC DIV OF NOVO CORP

ELIZABETH, NJ 07201

US

Cage: 0AU16

Ingredients

BENZIN; (VM&P NAPHTHA)

CAS: 8030-30-6

RTECS: DE3030000

Fraction By Weight: 1.2%

OSHA PEL300 PPM;400 STEL

ACGIH TLV: 300 PPM

STODDARD SOLVENT; (MINERAL SPIRITS)

CAS: 8052-41-3

RTECS: WJ8925000

Fraction By Weight: 6.7%

OSHA PEL500 PPM

ACGIH TLV: 100 PPM; 9293

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight:

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

METHANE, DICHLORO-; (DICHLOROMETHANE)

CAS: 75-09-2

RTECS: PA8050000

Fraction By Weight: 45%

OSHA PEL500 PPM;1000 PPM, C

ACGIH TLV: 50 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

HYDROCARBON PROPELLANT; (PROPANE/ISOBUTANE BLEND)

CAS: 68476-86-8

Fraction By Weight: 35%

TITANIUM OXIDE; (TITANIUM DIOXIDE)

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight: 1.2%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

MAGNESIUM SILICATE

Fraction By Weight: 5.1%

OSHA PEL20 MPPCF

ACGIH TLV: 6 MG/M3

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ACUTE:LOSS OF COORD & EQUILIBRIUM.

CHRONIC: METABOLIZES TO PRODUCE CO IN BODY. DIZZ, NAUS, HDCH, POSS

SKIN EYE IRRIT. RESP NUISANCE-NUISANCE PARTICLES DUST PRODUCED WHEN

SANDED. TOLUENE 108-88- 3 APPE ARS ON NAVY LISTING OF OCCUPATIONAL

REPRODUCTIVE HAZS. SEEK CONSULTATION FROM APPROP HLTH PROFESSIONALS

(EFTS OF OVEREXP

Explanation of Carcinogenicity:DICHLOROMETHANE:GROUP 2B (IARC),

ANTICIPATED TO BE A CARCINOGEN (NTP).

Effects of Overexposure:HLTH HAZ:CONCERNING LATEST HAZARD LIST

INFORMATION & SAFE HNDLG & EXPOS RECOMENDATION . CHLOROCARBON MATERIALS HAVE PRODUCED SENSITIZATION OF THE MYOCARDIUM TO EPINEPHRINE) MAY BE CONTRAINDICATED EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS ACUTELY OR CHRONICALLY EXPOSED TO CHLOROCARBONS . Medical Cond Aggravated by Exposure:INCREASE AND SUSTAINS CARBOXY HEMOGLOBIN LEVELS IN THE BLOOD, REDUCING OXYGEN CARRYING CAPACITY IN THE BLOOD.

First Aid

First Aid:INHAL:REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION. KEEP QUIET AND WARM. DO NOT USE ADRENALIN. EYE:FLUSH CONTACTED AREAS WITH PLENTY OF WATER FOR AT LEAST 15 MIN. IF PERSISTANT GET MEDICAL ATTN. SK IN:WASH SKIN W/SOAP & WATER. IF PERSISTANT GET MD ATTN. SKIN:WASH SKIN WITH SOAP & WATER. IF PERSISTANT GET MEDICAL ATTENTION. INGEST:GET PROMPT MEDICAL ATTENTION. DO NOT GIVE ADRENALIN.

Fire Fighting

Flash Point Method:TOC
Flash Point:-156F,-104C
Lower Limits:1.8
Upper Limits:9.5
Extinguishing Media:12 BC EXTINGUISHER, CO2, FOAM
Fire Fighting Procedures:NIOSH/MSHA APPRVD PRESS DEMAND SCBA & FULL PROT EQUIP . STOP RELEASE OF MATL IF POSS.COOL STOR CNTNR-AVOID ACCUMULATION OF UNBURNED MATL- EXCLUDE AIR.
Unusual Fire/Explosion Hazard:EXPANSION OF LIQ & CHANGE OF STATE FROM LIQ TO VAP WILL ALLOW COMBUSTION MIXTURE TO ENCOMPASS LG AREA. VAP HVR/AIR- MAY TRAVEL TO AN IGNIT SOURCE & (SUPP DATA)

Accidental Release

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. ABSORB LIQUID OR INERT MATERIAL SUCH AS SAND OR VERMICULITE. PLACE IN LEAK PROOF CONTAINERS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:AVOID WATER CONTACT AND HIGH TEMPERATURES IN STORAGE.
Other Precautions:NO SMOKING IN AREA OF USE. DO NOT USE IN GENERAL VICINITY OF ARC WELDING, OPEN FLAMES OR HOT SURFACES. HEAT AND/OR UV RADIATION MAY CAUSE THE FORMATION OF HCL, OR PHOSGENE .

Exposure Controls

Respiratory Protection:USE A NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVER EXPOSURE. USE EITHER AN ATMOSPHERE SUPPLYING RESPIRATOR FOR ORGANIC VAPOR.
Ventilation:USE EXPLOSION PROOF VENTILATION TO CONTROL VAPOR CONCENTRATION.
Protective Gloves:NEOPRENE GLOVES.
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:IMPERVIOUS CLOTHING.
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER EACH USE.
Supplemental Safety and Health
EXPLO HAZ:FLASH BACK. THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL & PHOSGENE .

Chemical Properties

HCC:G8
Boiling Pt:B.P. Text:>-44F,>-42C
Vapor Pres:70
Vapor Density:2.35
Spec Gravity:.89 (H2O=1)
Solubility in Water:MINIMAL
Appearance and Odor:TYPICAL PAINT AROMA, THIN GRAY LIQUID.

Stability

Stability Indicator/Materials to Avoid: YES
AVOID HEAT, SPARKS, OPEN FLAMES AND CONTACT WITH STRONG OXIDIZING AGENTS.
Stability Condition to Avoid: TEMPERATURES OVER 120 F-STORAGE NEAR OXIDIZING AGENTS.
Hazardous Decomposition Products: CO, HYDROGEN CHLORIDE GAS. PHOSGENE .

Disposal

Waste Disposal Methods: DISPOSE OF AS ORDINARY PAINT IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.

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