

30-BATTLESHIP GRAY

MSDS Number

BMFJT

National Stock Number

8010-00N023998

Product Name

30-BATTLESHIP GRAY

Manufacturer

NEW YORK BRONZE POWDER CO INC

Product Identification

Product ID:30-BATTLESHIP GRAY

MSDS Date:06/01/1988

FSC:8010

NIIN:00N023998

MSDS Number: BMFJT

Responsible Party

NEW YORK BRONZE POWDER CO INC

481 DOREMUS AVE

NEWARK , NJ 07105

US

Emergency Phone: 800-692-2677

Info Phone: 201-578-2000

Cage: 0AU16

Contractor

NEW YORK BRONZE INC DIV OF NOVO CORP

ELIZABETH, NJ 07201

US

Cage: 0AU16

Ingredients

VM& P NAPHTHA

CAS: 64742-86-5

RTECS: LX3296500

Fraction By Weight: 3.9%

OSHA PEL300 PPM;400 PPM STEL

ACGIH TLV: 300 PPM

ETHANOL, 2-BUTOXY-; (2-BUTOXYETHANOL)

CAS: 111-76-2

RTECS: KJ8575000

Fraction By Weight: 1.3%

OSHA PELS, 50 PPM

ACGIH TLV: S, 25 PPM; 9293

MINERAL SPIRITS

CAS: 64742-86-5

RTECS: LX3296500

Fraction By Weight: 4.5%

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 2.8%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ACETONE

CAS: 67-64-1

RTECS: AL3150000

Fraction By Weight: 40%

OSHA PEL1000PPM

ACGIH TLV: 750PPM/1000STEL;9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

PROPANE/ISOBUTANE BLEND

CAS: 68476-86-8

Fraction By Weight: 35%

ACGIH TLV: 1000 PPM (MFR)

TITANIUM OXIDE; (TITANIUM DIOXIDE)

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight: 2.5%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

HI FLASH NAPHTHA

CAS: 64742-95-6

Fraction By Weight: 5%

ACGIH TLV: 100 PPM (MFR)

ACETIC ACID, ETHYL ESTER; (ETHYL ACETATE)

CAS: 141-78-6

RTECS: AH5425000

Fraction By Weight: 5%

OSHA PEL400 PPM

ACGIH TLV: 400 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:WHEN SANDED MAY BE AN IRRITANT TO RESP TRACT. PRLNGED EXPOS MAY LEAD TO PULMONARY INVOLVEMENT.ANIMAL STUDIES HAVE CLEARLY DEMONSTRATED DOSE-RELATED ADVERSE EFFTS ON THE CNS, HEMATOPOIETIC TISS,BLOOD, KIDNEYS & THE LIVER, ASSOC WITH THE ADMIN OF ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE) & ETHYLENE GLYCOL (SUPP DATA)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:DIZZINESS, NAUSEA, HEADACHE AND POSSIBLE SKIN AND EYE IRRITATION.

Medical Cond Aggravated by Exposure:INCREASES AND SUSTAINS CARBOXY HEMOGLOBIN LEVELS IN THE BLOOD, REDUCING O*2 CARRYING CAPACITY IN BLOOD.

First Aid

First Aid:INHAL: REMOVE TO FRESH AIR. GIVE ARTF RESP. KEEP WARM AND QUIET. DO NOT USE ADRENALIN. SKIN: WASH SKIN WITH SOAP AND WATER. EYES: FLUSH CONTACTED AREAS WITH WATER FOR AT LEAST 15 MIN. IF PERSISTENT GE T MED ATTN. INGEST: GET PROMPT MED ATTN. DO NOT GIVE ADRENALIN.

Fire Fighting

Flash Point Method:TOC

Flash Point:-156F,-104C

Lower Limits:1.8%

Upper Limits:9.5%

Extinguishing Media:ABC EXTINGUISHER, CO*2, FOAM.

Fire Fighting Procedures:NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP. STOP RELEASE OF MATERIAL IF POSS. COOL STORAGE CONTAINER. AVOID ACCUMULATION OF UNBURNED MATL. EXCLUDE AIR.

Unusual Fire/Explosion Hazard:EXPANSION OF LIQ & CHANGE OF STATE FROM LIQ TO VAP WILL ALLOW COMBUSTIBLE MIXT TO ENCOMPASS LG AREA. VAPS ARE HVR/AIR. MAY TRAVEL TO AN IGNIT SOURCE/FLASHBACK.

Accidental Release

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. ABSORB LIQUID WITH 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:DO NOT PUNCTURE CANS.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVEREXPOSURE. 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
NONE SPECIFIED BY MANUFACTURER. HEALTH HAZ:MONOBUTYL ETHER ACETATE
(EGBEA). (EXTRACTED FROM DHHS (NIOSH) PUBLICATION NO.90-118).

Chemical Properties

HCC:V3
Boiling Pt:B.P. Text:-44F,-42C
Vapor Pres:70
Vapor Density:2.35
Spec Gravity:.89
Solubility in Water:MINIMAL
Appearance and Odor:THIN GRAY LIQUID TYPICAL PAINT AROMA.

Stability

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

Disposal

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

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