

09 GREEN

MSDS Number

BNSGB

National Stock Number

8010-00N031515

Product Name

09 GREEN

Manufacturer

NEW YORK BRONZE POWDER CO INC

Product Identification

Product ID:09 GREEN
MSDS Date:04/15/1986
FSC:8010
NIIN:00N031515
MSDS Number: BNSGB

Responsible Party

NEW YORK BRONZE POWDER CO INC
777 DOWD AVENUE
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

STODDARD SOLVENT; (MINERAL SPIRITS)
CAS: 8052-41-3
RTECS: WJ8925000
Fraction By Weight: 3.7%
OSHA PEL500 PPM
ACGIH TLV: 100 PPM; 9293

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 1.4%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

METHANE, DICHLORO-; (DICHLOROMETHANE) (SARA III)

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

PROPANE/ISOBUTANE BLEND (PROPANE CAS#74-98-6); ISOBUTANE

Fraction By Weight: 35%

TITANIUM OXIDE; (TITANIUM DIOXIDE)

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight:

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

CONCERNING LATEST HAZARD LIST INFORMATION AND

RTECS: 9999999ZZ

BENZIN; (VM&P NAPHTHA)

CAS: 8030-30-6

RTECS: DE3030000

Fraction By Weight: 4.2%

OSHA PEL300 PPM;400 PPM STEL

ACGIH TLV: 300 PPM

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

CAS: 111-76-2

RTECS: KJ8575000

Fraction By Weight: 1.1%

OSHA PELS, 50 PPM

ACGIH TLV: S, 25 PPM; 9293

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:RESPIRATORY NUISANCE - NUISANCE

PARTICAL DUST PRDCED WHEN SANDED. ACUTE: LOSS OF COORDINATION &

EQUILIBRIUM. CHRONIC: METABOLIZES TO PRDCE CO IN BODY. SIGNS/SYMP INCL: DIZZ/NAUS/HDACH/ POSS SKIN & EYE IRRIT. CHLOROCARBON MATLS HAVE PRDCED SENSIT OF MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & MAY HAVE (EFTS OF OVEREXP)

Explanation of Carcinogenicity:DICHLOROMETHANE: ANTICIPATED TO BE A CARCINOGEN (NTP), GROUP 2B (IARC).

Effects of Overexposure:HLTH HAZ: SIMILAR EFT IN HUMANS. ADRENOMIMETICS (E.G.,EPINEPHRINE) MAY BE CONTRAINDICATED EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS ACUTELY/ CHRONICALLY EXPOS TO CHLOROCARBONS . ANIMAL STUDIES CLEARLY DEMONSTRATED DOSE-RELATED ADVERSE EFTS ON CNS/ HEMATOPOIETIC TISS/BLOOD/KIDNEYS & LIVER, ASSOC W/ADMIN (SUPP DAT

Medical Cond Aggravated by Exposure:INCREASES 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. EYES: FLUSH CONTACTED AREAS WITH PLENTY OF WATER FOR A MINIMUM OF 15 MINUTES. IF PERSISTANT, GET MED ICAL ATTENTION. SKIN: WASH 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:WEAR NIOSH/MSHA APPRVD PRESS DEMAND SCBA & FULL PROT EQUIP . STOP RELEASE OF MATL IF POSS. COOL STORAGE CONTR, AVOID ACCUM OF UNBURNED MATL - EXCLUDE AIR.

Unusual Fire/Explosion Hazard:EXPANSION OF LIQ & CHANGE OF STATE FROM LIQ TO VAP WILL ALLOW COMBUST MIXT TO ENCOMPASS LG AREAS. VAPS HEAVIER THAN AIR - MAY TRAVEL TO IGNIT SOURCE (SUPP DATA)

Accidental Release

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. ABSORB LIQUID ON 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. NO SMOKING IN AREA OF USE. DO NOT USE IN GENERAL VICINITY OF ARC WELDING, OPEN FLAMES OR HOT SURFACES. HEAT &/OR UV RADIATION MAY CAUSE THE FORMATION OF HCL &/OR PHOSGENE .

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVEREXPOSURE. USE EITHER AN ATMOSPHERE SUPPLYING RESPIRATOR FOR ORGANIC VAPOR.

Ventilation:MECHANICAL (GENERAL) - 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 DECOMP PRODS MAY INCL HCL/PHOSGENE .

EFTS OF OVEREXP: OF ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE).

(EXTRACTED FROM DHHS (NIOSH) PUBLICATION#90-118) . TOLUENE - CAS#108-88-3 APPEARS ON NAVY LISTINGOF OCCUP REPROD HAZ. SEEK CONSULTATION FROM APPROP HLTH PROFESSIONALS (ING 8)

Chemical Properties

HCC:G8
Boiling Pt:B.P. Text:>-44F,>-42C
Vapor Pres:70
Vapor Density:2.35
Spec Gravity:0.89 (H2O=1)
Solubility in Water:MINIMAL
Appearance and Odor:THIN GREEN LIQUID, TYPICAL PAINT AROMA.

Stability

Stability Indicator/Materials to Avoid:YES
AVOID CONTACT WITH STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:TEMPERATURES OVER 120F. AVOID HEAT,
SPARKS, OPEN FLAMES AND STORAGE NEAR OXIDIZING MATERIAL.
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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