

NEW YORK BRONZE POWDER -- CLEAR SHELLAC
MATERIAL SAFETY DATA SHEET
NEW YORK BRONZE POWDERNSN: 801000N049340
Manufacturer's CAGE: 0AU16
Part No. Indicator: A
Part Number/Trade Name: CLEAR SHELLAC

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General Information
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Company's Name: NEW YORK BRONZE POWDER CO INC
Company's Street: 481 DOREMUS AVE
Company's City: NEWARK
Company's State: NJ
Company's Country: US
Company's Zip Code: 07102
Company's Emerg Ph #: 800-692-2677
Company's Info Ph #: 201-587-2000
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 06MAY88
Safety Data Review Date: 09MAR94
MSDS Serial Number: BTZFK
Hazard Characteristic Code: NK

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: ETHYL ALCOHOL; (ETHANOL)
Ingredient Sequence Number: 01
Percent: 30
NIOSH (RTECS) Number: KQ6300000
CAS Number: 64-17-5
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

Proprietary: NO
Ingredient: ETHANOL, 2-BUTOXY-; (2-BUTOXYETHANOL)
Ingredient Sequence Number: 02
Percent: 2
NIOSH (RTECS) Number: KJ8575000
CAS Number: 111-76-2
OSHA PEL: 50 PPM, S
ACGIH TLV: 25 PPM, S

Proprietary: NO
Ingredient: CYCLOHEXANONE
Ingredient Sequence Number: 03
Percent: 1
NIOSH (RTECS) Number: GW1050000
CAS Number: 108-94-1
OSHA PEL: 50 PPM, S
ACGIH TLV: 25 PPM, S

Proprietary: NO
Ingredient: ACETONE
Ingredient Sequence Number: 04

Percent: 10
NIOSH (RTECS) Number: AL3150000
CAS Number: 67-64-1
OSHA PEL: 1000PPM
ACGIH TLV: 750 PPM;1000 STEL

Proprietary: NO
Ingredient: METHANE, DICHLORO-; (METHYLENE CHLORIDE)
Ingredient Sequence Number: 05
Percent: 25
NIOSH (RTECS) Number: PA8050000
CAS Number: 75-09-2
OSHA PEL: 500 PPM
ACGIH TLV: 50 PPM

Proprietary: NO
Ingredient: HYDROCARBON PROPELLANT; (PROPANE/ISOBUTANE BLEND)
Ingredient Sequence Number: 06
Percent: 20
NIOSH (RTECS) Number: 1004627HP
CAS Number: 68476-86-8
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

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Physical/Chemical Characteristics
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Appearance And Odor: CLEAR LIQUID, TYPICAL PAINT AROMA
Boiling Point: >-44F,>-42C
Melting Point: N/A
Vapor Pressure (MM Hg/70 F): 70
Vapor Density (Air=1): HVR/AIR
Specific Gravity: 0.78(H*20=1)
Solubility In Water: MINIMAL

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Fire and Explosion Hazard Data
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Flash Point Method: SCC
Lower Explosive Limit: 1.8%
Upper Explosive Limit: 9.5%
Extinguishing Media: 12 BC EXTINGUISHER, CO*2, FOAM.
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPRVD PRESS DEMAND SCBA &
FULL PROT EQUIP(FP N). STOP REL OF MATLS IF POSS. COOL STOR CONTR-AVOID
ACCUMULATION OF UNBURNED MATLS-EXCLUDE AIR.
Unusual Fire And Expl Hazrds: EXPANSION OF LIQ & CHANGE OF STATE FROM LIQ
TO VAP WILL ALLOW COMBUST MIXT TO ENCOMPASS LG AREAS. VAPS ARE HVR/AIR. MAY
TRAVEL TO AN IGNIT SOURCE. (SUPDAT)

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): TEMPS OVER 120F.
Materials To Avoid: AVOID HEAT, SPARKS, OPEN FLAMES AND CONTACT WITH
STRONG OXIDIZING AGENTS.
Hazardous Decomp Products: CARBON MONOXIDE, HYDROGEN CHLORIDE GAS.
PHOSGENE (FP N).
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): TEMPS OVER 120F. STORAGE NEAR OXIDIZING

MATERIAL.

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Health Hazard Data
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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
METABOLIZES TO PRDCE CARBON MONOXIDE IN BODY. SIGNS/SYMPs OF EXPOS:DIZZ,
NAUS, HDCH, POSS SKIN & EYE IRRIT. CHLOROCARBON MATLS HAVE PRDCD SENSIT OF
MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR EFT IN
HUMANS. ADRENOMIMETICS (E.G., EPINEPHRINE) (EFTS OF OVEREXP)
Carcinogenicity - NTP: YES
Carcinogenicity - IARC: YES
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: DICHLOROMETHANE: IARC MONO, SUPP, VOL 7, PG
194, 1987: GRP 2B. NTP 6TH ANNUAL REPORT ON CARCINS, 1991: ANTIC (SUPDAT)
Signs/Symptoms Of Overexp: HLTH HAZ: MAY BE CONTRAINDICATED EXCEPT FOR
LIFE-SUSTAINING USES IN HUMANS ACUTELY OR CHRONICALLY EXPOSED TO
CHLOROCARBONS (FP N). ANIMAL STUDIES HAVE CLEARLY DEMONSTRATED DOSE-RELATED
ADVERSE EFTS ON CNS, HEMATOPOIETIC TISSUE, BLOOD, KIDNEYS, & LIVER ASSOC W/
ADMIN OF ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE). (SUPDAT)
Med Cond Aggravated By Exp: INCREASES AND SUSTAINS CARBOXY HEMOGLOBIN
LEVELS IN BLOOD, REDUCING OXYGEN CARRYING CAPACITY IN BLOOD.
Emergency/First Aid Proc: INHAL: REMOVE TO FRESH AIR. GIVE ARTF RESP. KEEP
WARM & QUIET. DO NOT USE ADRENALIN. EYE: FLUSH CONTACTED AREAS WITH PLENTY
OF WATER FOR AT LEAST 15 MINUTES, IF PERSISTENT, GET MED ATTN. SKIN: WASH
WITH SOAP AND WATER-IF PERSISTENT, GET MED ATTN. INGEST: GET PROMPT MEDICAL
ATTENTION. DO NOT GIVE ADRENALIN.

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: ELIMINATE SOURCES OF IGNITION-ABSORB LIQUID
WITH INERT MATERIAL SUCH AS SAND/VERMICULITE. PLACE IN LEAK PROOF
CONTAINERS.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: DISPOSE OF AS ORDINARY PAINT I/A/W LOCAL, FEDERAL
AND STATE REQUIREMENTS.
Precautions-Handling/Storing: AVOID WATER CONTACT AND HIGH TEMPERATURES IN
STORAGE. DO NOT PUNCTURE CANS.
Other Precautions: NO SMOKING IN AREA OF USE. DO NOT USE IN GEN VICIN OF
ARC WELDING, OPEN FLAMES/HOT SURFACES. HEAT &/OR UV RADIATION MAY CAUSE
FORMATION OF HCL AND/OR PHOSGENE (FP N).

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Control Measures
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Respiratory Protection: USE A NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED
TO PREVENT OVEREXPOSURE. USE EITHER AN NIOSH/MSHA APPROVED ATMOSPHERE
SUPPLYING RESPIRATOR FOR ORGANIC VAPOR.
Ventilation: MECH(GEN): USE EXPLO PROOF VENT TO CTL VAP CONC.
Protective Gloves: NEOPRENE.
Eye Protection: CHEMICAL GOGGLES.
Other Protective Equipment: IMPERVIOUS CLOTHING.
Work Hygienic Practices: WASH WITH SOAP AND WATER AFTER EACH USE.
LUNGS, THORAX, ENDOCRINE SYSTEM. EXPLO HAZ: THERMAL DECOMPOSITION PRODUCTS
MAY INCLUDE HCL AND PHOSGENE (FP N). EFTS OF OVEREXP: (EXTRACTED FROM DHHS
(NIOSH) PUB #: 90-118) (FP N).

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Transportation Data
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Disposal Data
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Label Data
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Label Required: YES
Technical Review Date: 03MAR94
Label Date: 03MAR94
Label Status: G
Common Name: CLEAR SHELLAC
Chronic Hazard: YES
Signal Word: DANGER!
Acute Health Hazard-Moderate: X
Contact Hazard-Slight: X
Fire Hazard-Severe: X
Reactivity Hazard-None: X
Special Hazard Precautions: FLAMMABLE AEROSOL. ACUTE: INHAL OF VAPS CAN
CONTRIBUTE TO OCCURRENCE OF IRREGULAR HEARTBEAT (FP N). LOSS OF COORD &
EQUILIBRIUM. DIZZ, NAUS, HDCH, POSS SKIN & EYE IRRIT. CHRONIC: CANCER
HAZARD. CONTAINS DICHLOROMETHANE WHICH IS LISTED AS A LUNG CARCINOGEN (FP
N). METABOLIZES TO PRODUCE CARBON MONOXIDE IN BODY.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: NEW YORK BRONZE POWDER CO INC
Label Street: 481 DOREMUS AVE
Label City: NEWARK
Label State: NJ
Label Zip Code: 07102
Label Country: US
Label Emergency Number: 800-692-2677