

CLEAR SHELLAC

MSDS Number

BTZFK

National Stock Number

8010-00N049340

Product Name

CLEAR SHELLAC

Manufacturer

NEW YORK BRONZE POWDER CO INC

Product Identification

Product ID: CLEAR SHELLAC

MSDS Date: 05/06/1988

FSC: 8010

NIIN: 00N049340

MSDS Number: BTZFK

Responsible Party

NEW YORK BRONZE POWDER CO INC

481 DOREMUS AVE

NEWARK , NJ 07102

US

Emergency Phone: 800-692-2677

Info Phone: 201-587-2000

Cage: 0AU16

Contractor

NEW YORK BRONZE INC DIV OF NOVO CORP

ELIZABETH, NJ 07201

US

Cage: 0AU16

Ingredients

ETHYL ALCOHOL; (ETHANOL)

CAS: 64-17-5

RTECS: KQ6300000

Fraction By Weight: 30%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM

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

CAS: 111-76-2

RTECS: KJ8575000

Fraction By Weight: 2 +/- 2%

OSHA PEL50 PPM, S

ACGIH TLV: 25 PPM, S

CYCLOHEXANONE

CAS: 108-94-1

RTECS: GW1050000

Fraction By Weight: 1%

OSHA PEL50 PPM, S

ACGIH TLV: 25 PPM, S

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ACETONE

CAS: 67-64-1

RTECS: AL3150000

Fraction By Weight: 10%

OSHA PEL1000PPM

ACGIH TLV: 750 PPM;1000 STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

METHANE, DICHLORO-; (METHYLENE CHLORIDE)

CAS: 75-09-2

RTECS: PA8050000

Fraction By Weight: 25%

OSHA PEL500 PPM

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: 20%

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES 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 PRDCE CARBON MONOXIDE IN BODY. SIGNS/SYMPS

OF EXPOS:DIZZ, NAUS, HDCH, POSS SKIN & EYE IRRIT. CHLOROCARBON

MATLS HAVE PRDCD SENSIT OF MYOCARDIU M TO EPINEPHRINE IN LAB

ANIMALS & COULDHAVE SIMILAR EFT IN HUMANS. ADRENOMIMETICS (E.G.,

EPINEPHRINE) (EFTS OF OVEREXP)

Explanation of Carcinogenicity:DICHLOROMETHANE: IARC MONO, SUPP, VOL 7,

PG 194, 1987: GRP 2B. NTP 6TH ANNUAL REPORT ON CARCINS, 1991: ANTIC

(SUPDAT)

Effects of Overexposure:HLTH HAZ: MAY BE CONTRAINDICATED EXCEPT FOR

LIFE-SUSTAINING USES IN HUMANS ACUTELY OR CHRONICALLY EXPOSED TO

CHLOROCARBONS . 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)

Medical Cond Aggravated by Exposure:INCREASES AND SUSTAINS CARBOXY HEMOGLOBIN LEVELS IN BLOOD, REDUCING OXYGEN CARRYING CAPACITY IN BLOOD.

First Aid

First Aid: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 WI TH SOAP AND WATER-IF PERSISTENT, GET MED ATTN. INGEST: GET PROMPT MEDICAL ATTENTION. DO NOT GIVE ADRENALIN.

Fire Fighting

Flash Point Method:SCC

Lower Limits:1.8%

Upper Limits:9.5%

Extinguishing Media:12 BC EXTINGUISHER, CO*2, FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD PRESS DEMAND SCBA & FULL PROT EQUIP. STOP REL OF MATLS IF POSS. COOL STOR CONTR-AVOID ACCUMULATION OF UNBURNED MATLS-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 ARE HVR/AIR. MAY TRAVEL TO AN IGNIT SOURCE. (SUPDAT)

Accidental Release

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION-ABSORB LIQUID WITH INERT MATERIAL SUCH AS SAND/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. 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 .

Exposure Controls

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.

Supplemental Safety and Health

EXPLAN OF CARCIN: TO BE CARCIN. ANIMAL: LUNGS, THORAX, ENDOCRINE SYSTEM. EXPLO HAZ: THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL AND PHOSGENE . EFTS OF OVEREXP: (EXTRACTED FROM DHHS (NIOSH) PU B #: 90-118) .

Chemical Properties

Boiling Pt:B.P. Text:>-44F,>-42C

Vapor Pres:70

Vapor Density:HVR/AIR

Spec Gravity:0.78(H*20=1)

Solubility in Water:MINIMAL

Appearance and Odor:CLEAR 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: TEMPS OVER 120F.
Hazardous Decomposition Products: CARBON MONOXIDE, HYDROGEN CHLORIDE
GAS. PHOSGENE .
Conditions to Avoid Polymerization: TEMPS OVER 120F. STORAGE NEAR
OXIDIZING MATERIAL.

Disposal

Waste Disposal Methods: DISPOSE OF AS ORDINARY PAINT I/A/W LOCAL,
FEDERAL AND STATE REQUIREMENTS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.