

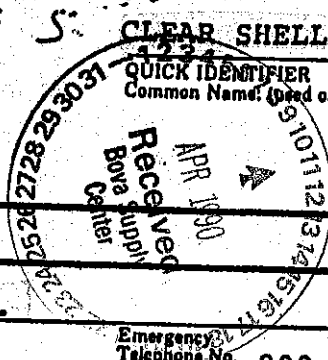
# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910.1200. Standard must be consulted for specific requirements.

CLEAR SHELLAC

QUICK IDENTIFIER

Common Name: (read on label and list)



11-368 #831

#300

## SECTION 1 -

Manufacturer's

Name **New York Bronze Powder Co., Inc.**

Address **777 Dowd Avenue**

City, State, and ZIP

**Elizabeth, New Jersey 07201**

Emergency Telephone No. **800-692-2677**

Other Information Calls **201-289-4900**

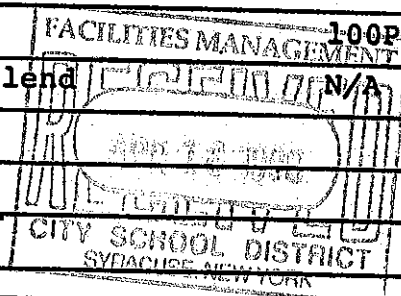
Signature of Person Responsible for Preparation (Optional)

Date Prepared **May 6, 1986**

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))

	OSHA PEL	ACGIH TLV	Other Exposure Limits	Optional	CAS NO.
Ethanol		1000PPM	30%		64-17-2
2 Butoxyethanol		25PPM	2%		111-76-2
Cyclohexanone		25PPM	1%		108-94-1
Acetone		750PPM	10%		67-64-1
Dichloromethane		100PPM	25%		75-09-2
Propane/Isobutane Blend		N/A	20%		684-76-86-8



## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	-44 to +11F	Specific Gravity (H <sub>2</sub> O=1)	.78	Vapor Pressure (mm Hg)	70
	Vapor Density (Air = 1)	Heavier than air			
Solubility in Water	Minimal	Reactivity in Water	Minimal		
Appearance and Odor	Clear Liquid Typical Paint Aroma	Melting Point	N/A		

## SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	-136F	Method Used	Setaflash	Flammable Limits in Air % by Volume	LEL Lower 1.8	UEL Upper 9.5
Auto-ignition Temperature	N/A	Extinguisher Media	12 Bc extinguisher, CO <sub>2</sub> , Foam - Stop release			
Special Fire Fighting Procedures	of materials if possible. Cool storage container - Avoid accumulation of unburned materials - Exclude Air					

Unusual Fire and Explosion Hazards Expansion of liquid and change of state from liquid to vapor will allow combustible mixture to encompass large area. Wear proper protective clothing, including a NIOSH approved self contained breathing apparatus. Vapors heavier than air May travel to an ignition source and flash back.

062778

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

#380

Stability  Stable  Unstable  Conditions  To Avoid Temperatures over 120°F  
Incompatibility (Materials to Avoid) Avoid heat, sparks, open flames and contact with strong oxidizing agents.

Hazardous Decomposition Products Carbon Monoxide, Hydrogen Chloride Gas  
Hazardous Polymerization  May Occur  Will Not Occur  Conditions  To Avoid Temperatures over 120°F - Storage near oxidizing material.

SECTION 6 - HEALTH HAZARDS

1. Acute Loss of coordination and equilibrium 2. Chronic Metabolizes to produce carbon monoxide in the body

Signs and Symptoms of Exposure Dizziness, nausea, headache, possible skin & eye irritation

Medical Conditions Generally Aggravated by Exposure Increases and sustains carboxy hemoglobin levels in the blood, reducing oxygen carrying capacity in the blood.

Chemical Listed as Carcinogen or Potential Carcinogen National Toxicology Program Yes  No  I.A.R.C. Monographs Yes  No  OSHA Yes  No

Emergency and First Aid Procedures Remove to fresh air - Wash skin contact areas with soap and water. Flush eye with water

ROUTES OF ENTRY  
1. Inhalation Remove to fresh air. Give artificial respiration. Keep quiet and warm. Do not use adrenalin  
2. Eyes Flush contacted areas with plenty of water. If persistent get medical attention.  
3. Skin Wash skin with soap & water. If persistent get medical attention  
4. Ingestion Get prompt medical attention. Do not give adrenalin

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Avoid water contact and high temperatures in storage

Other Precautions Do not puncture cans

Steps to be Taken in Case Material is Released or Spilled Eliminate sources of ignition - Absorb liquid or inert material such as sand or vermiculite. Place in leak proof containers.

Waste Disposal Methods (Consult federal, state, and local regulations) Dispose of as ordinary paint in accordance with local & state requirements.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection Use a NIOSH approved respirator as required to prevent over-exposure. Use an atmosphere supplying respirator for organic vapor  
Ventilation  Local Exhaust  Mechanical (General)  Special  Other Use explosion proof ventilation to control vapor concentration  
Protective Gloves Neoprene Gloves Eye Protection Chemical resistant goggles  
Other Protective Clothing or Equipment Impervious clothing  
Work/Hygienic Practices Wash with soap and water after each use

NM