

# Material Safety Data Sheet

# Series 61200

## 1 Company and Product Identification

Manufacturer's Name: STAR BRONZE COMPANY, INC.  
 PO Box 2206  
 Alliance, Ohio 44601-0206

Emergency Telephone: 330-823-1550

Information Telephone: 330-823-1550

Product Name: **61200 Zip-Guard Water-based Urethane Wood Finish, Gloss**

Date Prepared: January 15, 2003 (revised)

## 2 Ingredient Composition Information

Ingredient CAS No.	% by weight	--- PPM ---	
		OSHA PEL	ACGIH TLV
Propylene Glycol 57-55-6	3	--	--
Wax Emulsion --	6	--	--
n-Methyl Pyrrolidone 872-50-4	< 3	--	--
Water --	54	--	--
Acrylic Copolymer --	18	--	--
Tripropylene Glycol Methyl Ether 25498-49-1	5	--	--
Aqueous Polyurethane Resin --	8	--	--

Section 313: Supplier Notification. This product contains the following toxic chemicals, subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right to Know Act of 1986, and of 40 CFR 372.

### n-Methyl Pyrrolidone.

This information must be included in all Material Safety Data Sheets that are copied and distributed for this material.

## 3 Physical and Chemical Properties

**Boiling Range:** 212°F - 396°F

**Evaporation Rate:** Slower than Butyl Acetate

**Percent Volatile:** 72%

**Percent Non-Volatile:** 28%

**Appearance and Odor:** Milky liquid, mild acrylic odor

**VOC:** 335 grams/liter

**VOS:** 2.8 lbs./gal.

**Vapor Density:** Heavier than air

**Weight per Gallon:** 8.58 lbs.

**Solubility in Water:** Highly soluble in water

**Specific Gravity:** 1.03

**Vapor Pressure:** Not determined

**Solvent Density:** 1.0

## 4 Fire and Explosion Hazard Data

**Flash Point:** None

**Flammable Limits:**

**LEL:** unknown

**UEL:** unknown

**Extinguishing Media:** Water fog, CO<sub>2</sub>, foam

**Special Fire Fighting Procedures:** Fight as a volatile liquid fire. Use water fog to cool fire exposed containers.

**Unusual Fire and Explosion Hazards:** Closed containers could burst when exposed to extreme heat.

**HMIS Codes:**

Health	2
Flammability	0
Reactivity	0

**NFPA Codes:**

Health	2
Flammability	0
Reactivity	0

## 5 Reactivity Data

**Stability:** Stable

**Conditions to Avoid:** None known

**Incompatibility:** Avoid contact with strong oxidizing agents.

**Hazardous Decomposition of By-products:** May form toxic materials, carbon dioxide, carbon monoxide, nitrogen compounds, various hydrocarbons, etc.

**Hazardous Polymerization:** Cannot occur

## 6 Health Hazard Data

**Routes of Entry:**

Inhalation	Yes
Skin	Yes
Ingestion	Yes

**Health Hazard Acute and Chronic:**

**Inhalation:** Excessive inhalation of vapors could cause nasal and respiratory irritation and discomfort. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or prove fatal.

**Skin:** Prolonged or repeated contact can cause irritation, dermatitis. Can be absorbed through the skin.

**Eyes:** Can cause irritation and conjunctivitis.

**Ingestion:** May cause irritation of mouth, pharynx, esophagus, stomach, abdominal discomfort, nausea and diarrhea.

**Chronic Overexposure:** May cause permanent brain and nervous system damage.

**Medical Conditions Aggravated by Exposure:** None known

**Carcinogenicity:** This material does not contain 0.1% or more of any chemical listed by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or regulated by the Occupational Safety and Health Administration (OSHA) as a carcinogen.

### Emergency First Aid Procedures:

**Inhalation:** Remove to fresh air. If difficulty in breathing or respiratory symptoms develop, get medical attention.

**Skin:** Wash thoroughly with water. If irritation persists, get medical attention.

**Eyes:** Immediately wash or flush eyes thoroughly with water for 15 minutes. Contact a physician.

**Ingestion:** Immediately give one or two glasses of water and call a physician, hospital emergency room or poison control center for way to induce vomiting.

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## 7 Precautions for Safe Handling & Use

### Steps to be taken in case material is released or spilled

**Small Spill:** Wipe up with absorbent material. Transfer to closed container.

**Large Spill:** Ventilate the area, wipe up or soak up with absorbent material. Transfer to closed containers.

### Waste Disposal Method:

**Small Spill:** Dispose of in accordance with local, state and federal regulations.

**Large Spill:** Dispose of in accordance with local, state and federal regulations.

**Precautions to be taken in handling and storing:** Keep away from freezing. Keep containers upright and tightly closed when not in use. Use with adequate ventilation.

**Other precautions:** None

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## 8 Control Measures

**Respiratory Protection:** None required when good ventilation is maintained. Appropriate respirator selected and used in accordance with OSHA Sub Part 1 (29CFR 1910.134) required when air borne contaminants are likely to exceed acceptable limits.

**Ventilation:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of

overexposure (from known, suspected or apparent adverse effects).

**Protective Gloves:** Wear chemical and water resistant gloves where there will be excessive and prolonged skin contact.

**Eye Protection:** Where there is reasonable probability of eye contact, wear safety goggles or face shield.

**Other Protective Clothing or Equipment:** Wear appropriate equipment to prevent repeated and prolonged skin contact.

**Work/ Hygienic Practices:** Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mist. Wash thoroughly after handling and before eating, drinking or smoking. Remove any contaminated clothing promptly and clean thoroughly before reuse.

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## 9 Transportation Data

**DOT Proper Shipping Description:** Paint

**DOT Class:** None

**DOT ID Number:** None

**DOT Packaging Group:** None

This material is not regulated by DOT

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## 10 Regulatory Information

**Reportable Quantity:** N/A

**Toxic Substance Control Act:** All ingredients are listed or comply with TSCA Inventory

**SARA 311/312 Categories:** Health: immediate health, delayed health

**SARA 313 Listed Ingredients:** n-Methyl-Pyrrolidone

**California Proposition 65 Warning:** This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

The information and recommendations contained herein have been compiled from sources believed to be accurate and reliable. The information herein is given in good faith, but no warranty, expressed or implied, is made.