

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME : SUN/STEEL #1400 SERIES

DATE: 01/15/09

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Sun/Steel

**SYNONYMS:** W/R Alkyd Gloss Enamel

**PRODUCT CODES:** 1400 Series

**MANUFACTURER:** Bert's Paint Inc.

**ADDRESS:** 2401 S. 12<sup>th</sup> Street  
Phoenix, AZ 85034

**EMERGENCY PHONE:** 602-495-6000

**FAX PHONE:** 602-523-9675

**CHEMICAL FAMILY:** Paint Waterbase

**PRODUCT USE:** Industrial Coating

**PREPARED BY:** Michael Thornham

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM:	H	F	R
	2	0	0

INGREDIENT CAS NO.	WT. PERCENT	EXPOSURE LIMITS ppm	EXPOSURE LIMITS mg/m3	SOURCE	VAPOR PRESSURE (mm hg @68 F)	LEL
*Ethylene Glycol Monobutyl Ether 111-76-2	10.33	20.0 50.0 5.0	97.0 240.0 24.0	TWA/ACGHI TLV TWA/OSHA PEL TWA/NIOSH REL	.60	1.10

**SECTION 2 NOTES:** \* Indicates Toxic Chemical(s) Subject to the Reporting Requirements of Section 313  
Title III and of 40 CFR 372.

## SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b>	212 F Deg. (Water)	<b>Density:</b>	9.626 + .5 Lbs/Gal
<b>Vapor Density:</b>	Heavier Than Air	<b>Evaporation Rate:</b>	Slower than Ether
<b>Coating V.O.C.:</b>	2.53 Lbs/Gal (304 g/l)	<b>Material V.O.C. :</b>	1.0 Lbs/Gal (120 g/l)
<b>Solubility in Water:</b>	Reducible	<b>Appearance And Odor:</b>	Viscous Liquid, Mild Odor

## SECTION 4: FIRE AND EXPLOSION HAZARDS

**Flash Point:** None

**Method Used:** Seta Flash

**Flammable Limits in Air By Volume:**

**Lower%:** N/A      **Upper%:** N/A

**Extinguishing Media:** Foam, alcohol foam, CO<sub>2</sub>, dry chemical, water fog

**Special Fire Fighting Procedures:** Water may be used to cool closed containers to prevent pressure build up when exposed to extreme heat. Wear adequate fire fighting equipment including self contained breathing apparatus.

**Unusual Fire And Explosion Hazards:** Dried paint film can burn.

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## SECTION 5: REACTIVITY DATA

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**Stability:** Stable

**Conditions to Avoid:** Excess heat may cause containers to rupture. Avoid freezing conditions.

**Incompatibility (Materials to Avoid):** Avoid strong alkaline and acids.

**Hazardous Decomposition:** CO, CO<sub>2</sub>, Oxides of Nitrogen

**Hazardous Polymerization:** Will not occur

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## SECTION 6: HEALTH HAZARD DATA

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### **Inhalation Health Risks and Symptoms of Exposure:**

Vapor or mist can cause headache, nausea and irritation of the nose, throat and lungs.

### **Skin and Eye Contact Health Risks and Symptoms of Exposure:**

Apply good personal hygiene practices. Dry contaminated clothing before reuse. For eye contact, flush with fresh water for at least 15 minutes. If irritation persist, seek medical attention.

### **Skin Absorption Health Risks and Symptoms of Exposure:**

This material is not expected to be a primary skin irritant. However irritation may appear upon prolonged contact.

### **Ingestion Health Risks and Symptoms of Exposure:**

May be harmful or fatal if swallowed. Ingestion may cause nausea, vomiting, diarrhea, and gastrointestinal irritation. Consult a physician.

### **Health Hazards (Acute and Chronic):**

Inhalation may cause nausea, dizzy feeling, weakness and possible narcosis. No chronic affects recognized.

**Carcinogenicity:** NTP NO      IARC MONOGRAPHS NO      OSHA REGULATED NO

**Proposition 65:** N/A

### **Emergency and First Aid Procedures:**

Dermal: Clean with soap and water.

Ingestion: Harmful or fatal. Do not induce vomiting. Consult a physician.

Inhalation: Remove to fresh air.

Eye Contact: Flush with water. Consult a physician.

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## SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

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### **Steps to be Taken in Case Material is Released or Spilled:**

Ventilate. Avoid unnecessary skin contact. Stop and/or contain spill if it can be done safely, avoiding discharge into drains, sewers, or waterways. Collect by absorption, shovel and/or wet mopping.

### **Waste Disposal Method:**

Dispose of in accordance with Local, State and Federal Regulations.

### **Precautions to be Taken in Handling and Storing:**

Use with adequate ventilation. Avoid prolonged breathing of vapor. Avoid prolonged or repeated skin contact.

### **OTHER PRECAUTIONS:**

Avoid all Sources of Heat.

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## SECTION 8: CONTROL MEASURES

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### **Respiratory Protection:**

None required if airborne concentrations are maintained below the occupational exposure limits listed in Section 2. For airborne concentrations higher than such limits wear a MSHA/NIOSH approved mask for organic vapor, dust, mist and fumes. When using poorly ventilated and confined spaces use a Fresh-Air Supplying or Self Contained Breathing Apparatus.

### **Ventilation:**

Maintain good ventilation to keep product vapor concentrations below specified limit values.

### **Protective Gloves:**

Neoprene glove should be used to limit the effects of skin over-exposure.

### **Eye Protection:**

Googles or face shield are recommended.

### **Other Protective Clothing Or Equipment:**

To prevent repeated or prolonged skin contact, wear protective clothing and boots.

### **Work/Hygienic Practices:**

Eye washes and safety showers in the workplace are recommended, as well as barrier creams, daily showers and change of clothes.

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## SECTION 9: DISCLAIMER

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