

**Safety Data Sheet****Product Name: SUN/POXY 45 F2 Part A****4/1/2024****SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Sun/Poxy  
**SYNONYMS:** W/B Epoxy Primer  
**PRODUCT CODE:** 45 F2 Part A  
**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 Water base

**PRODUCT USE:** Industrial Coating  
**PREPARED BY:** Michael Thornham

**SECTION 2: HAZARD(S) IDENTIFICATION**

**Hazard Classification:**  
Classification of the substance or mixture: Warning

**Label Elements:**



**Hazard Statement:**  
EUH205 - Contains epoxy constituents. May produce allergic reaction

**Precautionary Statement:**  
Not applicable

**Other Hazards:**  
Not applicable

**This product contains ingredients that may contribute to the following potential chronic health effects:**  
Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	Wt %	CAS #
Dipropylene Glycol n-butyl ether	< 1%	29911-28-2
Ethylene glycol monobutyl ether	< 1%	111-76-2
1-methoxy-2-propanol	2.0 - 4.5 %	107-98-2
Benzyl Alcohol	1.1 - 2.2%	100-51-6

**SECTION 4: FIRST AID MEASURES**

**Ingestion:** If swallowed, call a physician immediately. Only induce vomiting at the instruction of the physician. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove exposed person to fresh air if adverse effects are observed get medical attention. If breathing is difficult, give oxygen.

**Skin Contact:** Remove contaminated clothing and shoes. Wash with soap and water, if skin irritation occurs, get medical attention.

**Eye Contact:** Wash out immediately with water for up to 15 minutes. If possible remove contact lenses. Get medical attention.

**SECTION 5: FIRE FIGHTING MEASURES****General Fire Hazards:**

Extinguishing media: Water spray or fog. Dry chemical, foam or CO2 . DO NOT use full water jet.

**Special protective equipment:** Wear full protective gear including self-containing breathing apparatus operated in a positive pressure mode with full face piece, coat pants, gloves and boots.

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

**Incompatibility (Materials to Avoid):**

**Hazardous Decomposition:**

**Hazardous Polymerization:** Will not occur

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Action to be taken if material is released or spilled:**

Ventilate area. 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. Also wipe, scrape or soak up in/with an inert material and put in a container for disposal. Avoid contact with eyes.

**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.

**SECTION 7: HANDLING AND STORAGE****Precautions for safe handling:**

Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate PPE.

Avoid contact with eyes and prolonged or repeated contact with skin. Avoid breathing mists or vapors. When using do not eat, drink or smoke.

Stir well before use. Keep container closed when not in use. Sensitive to frost.

Wash thoroughly after handling.

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

**General Information:** Use personal protective equipment as required.

**Respiratory Protection:**

Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulation must be followed whenever workplace conditions require the use of a respirator. Use of proper respiratory protection is recommended.

**Ventilation:**

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

**Skin Protection:**

**Protective Gloves:** Suitable gloves should be used to limit effect of skin over-exposure.

**Eye Protection:**

Goggles or face shield are recommended.

**Other Protective Clothing or Equipment:**

To prevent repeated or prolonged skin contact, wear appropriate PPE and boots/shoes.

**Work/Hygienic Practices:**

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

**SECTION 9: PHYSICAL AND CHEMICAL CHARACTERISTICS**

Boiling Range	212°F (water) 100°C
Solubility in water	Soluble
Flash Point	ND
Solids by weight	60.02 ± 0.5
Volatile by weight	23.80 ± 0.5
Specific gravity	1.426
Weight per gallon	11.88
Coatings VOC	1.40 lbs (167.97 g/L)
Material VOC	0.76 lbs (91.41 g/L)
Appearance	Liquid
Volume solids	45.63± 0.5
Vapor density	Heavier than air
Odor	mild

**SECTION 10: STABILITY AND REACTIVITY DATA**

**Stability:** material is stable under normal conditions

**Conditions to avoid:** - Do not freeze

**Incompatibility:** (Materials to avoid): Strong oxidizing agents, Alkalis and Bases

**Hazardous Reactions:** Will not occur:

**Hazardous Decomposition:** Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, hydrogen chloride, chlorinated compounds, and other products of other incomplete combustion. Irritating and toxic substances may be emitted upon combustion, burning, or decomposition of dry solids.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Acute Toxicity:**

Product: No information available.

**Component:**

Ethylene glycol monobutyl ether

TWA 20 ppm

PEL 50ppm 240mg/m<sup>3</sup>

Respiratory sensitization: No information available.

Skin sensitization: No information available

**Chronic Effects:**

Carcinogenicity: No information available

Mutagenicity: No information available

Reproductive: No information available

1-methyl-2-propanol

TWA 50 ppm

PEL 100ppm 360mg/m<sup>3</sup>

Respiratory: Upper respiratory tract irritation,

Eye: Eye irritation

NOT classifiable as a human carcinogen

**Chronic Effects:**

Carcinogenicity: No information available

Mutagenicity: No information available

Reproductive: No information available

Benzyl alcohol

LD50 rat 1,620 mg/kg

Respiratory: Irritation of mucous membranes in the mouth, cough and shortness of breath.  
Skin sensitization: No irritation

**Chronic Effects:**

Carcinogenicity: No information available  
Mutagenicity: No information available  
Reproductive: No information available

Di-propylene Glycol n-butyl ether

Acute toxicity

LD50 Oral - Rat - 4,000 mg/kg

Inhalation: No data available

LD50 Dermal - Rat - > 2,000 mg/kg

No data available

Skin corrosion/irritation

Skin - Rabbit  
Serious eye damage/eye irritation  
Eyes - Rabbit  
Eyes - Rabbit

Respiratory or skin sensitization

Germ cell mutagenicity  
No data available

Carcinogenicity

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Ethylene glycol monobutyl ether

Acute oral toxicity  
LD50 Rat: 1,746 mg/kg

Absorption

Symptoms: Irritations of mucous membranes in the mouth, pharynx, esophagus and gastrointestinal tract.

Acute inhalation toxicity  
Acute toxicity estimate: 11.1 mg/l; vapor

Symptoms: Possible damages: mucosal irritations  
Absorption

Acute dermal toxicity  
Absorption

Skin irritation  
Rabbit  
Result: irritating  
(ECHA)  
Causes skin irritation.  
Eye irritation  
Rabbit  
Result: irritating  
Causes serious eye irritation.  
Sensitization  
Guinea pig  
Result: Does not cause skin sensitization.

**SECTION 12: ECOLOGICAL INFORMATION****Product:**

No ecological information on this product regarding acute toxicity to fish, aquatic Invertebrates or aquatic plants.

**Acute toxicity to Fish:****Component:****Dipropylene Glycol n-butyl ether**

Toxicity to fish LC50 - other fish - 841 mg/l - 96 h  
 Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 1,000 mg/l - 48 h

**Ethylene glycol monobutyl ether**

Toxicity to fish Static test LC50 Oncorhynchus mykiss (rainbow trout): 1,474 mg/l; 96 h  
 Toxicity to daphnia and other aquatic invertebrates (Water flea): 1,800 mg/l; 48 h  
 Toxicity to algae Static test EC50 Pseudokirchneriella subcapitata (green algae): 911 mg/l; 72 h  
 Static test EC10 Pseudokirchneriella subcapitata (green algae): 679 mg/l; 72 h  
 Static test NOEC Pseudokirchneriella subcapitata (green algae): 286 mg/l; 72 h

Toxicity to bacteria EC0 Pseudomonas putida: 700 mg/l; 16 h (Lit.)

Toxicity to fish (Chronic toxicity)

Semi-static test NOEC Danio rerio (zebra fish): > 100 mg/l; 21 d

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)

Semi-static test NOEC Daphnia magna (Water flea): 100 mg/l; 21 d

**Benzyl alcohol**

Toxicity to fish Static test LC50 Pimephales promelas (fathead minnow): 460 mg/l; 96 h

Toxicity to daphnia and other aquatic invertebrates EC50 Daphnia magna (Water flea): 230 mg/l; 48 h

Toxicity to algae Static test ErC50 Pseudokirchneriella subcapitata (green algae): 700 mg/l; 72 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)

Semi-static test NOEC Daphnia magna (Water flea): 51 mg/l; 21 d

**1-methyl-2-propanol**

Toxicity No data available, No data available

**SECTION 13: DISPOSAL CONSIDERATIONS****Disposal Instructions:**

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State and local regulations. Empty containers retain product residue, follow label warnings even after container is emptied.

**SECTION 14: TRANSPORTATION INFORMATION**

DOT Not regulated

IMDG Not regulated

IATA Not regulated

**SECTION 15: REGULATORY INFORMATION****US Federal Regulations -**

USA Yes, all components are listed or exempt

**SARA 311/312 hazardous categorization****Hazardous Categories**

Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of pressure Hazard	No
Reactive Hazard	No

**SECTION 16: OTHER INFORMATION**

HMIS Hazard ID:

Health	2
Flammability	1
Reactivity	0

Rating: 0 Minimal  
 1 Slight  
 2 Moderate  
 3 Serious  
 4 Severe \* chronic health effect

**Hazard Statements**

H302 + H332 Harmful if swallowed or if inhaled.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 H360 May damage fertility or the unborn child.

**Precautionary Statements**

P202 Do not handle until all safety precautions have been read and understood.  
 P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
 P233 Keep container tightly closed.  
 P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
 P264 Wash skin thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P271 Use only outdoors or in a well-ventilated area.  
 P280 Wear protective gloves/ eye protection/ face protection.  
 P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.  
 P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P312 Call a POISON CENTER or doctor/ physician if you feel unwell.  
 P330 Rinse mouth.  
 P337 + P313 If eye irritation persists: Get medical advice/ attention.  
 P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
 P501 Dispose of contents/ container to an approved waste disposal plant.

The above hazard and precautionary statements are based on the following components:

1-methoxy-2-propanol  
 Benzyl alcohol  
 Di-propylene glycol n-butyl ether  
 Ethylene glycol mono-butyl ether

**DISCLAIMER:**

*The information contained herein has been received from raw material suppliers and other sources and is believed to be reliable. Bert's Paint Inc. makes no warranty expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Bert's Paint Inc. assumes no responsibility for injury from the use of this product described herein.*