



# SAFETY DATA SHEET

Revision Date: 04-Feb-2021

Revision Number: 7

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** BENWOOD STAYS CLEAR ACRYLIC POLYURETHANE, GLOSS  
**Product Code** W42200  
**Alternate Product Code** W42200  
**Product Class** FINISH COATING  
**Color** Clear  
**Recommended use** Topcoat  
**Restrictions on use** No information available

**Manufacturer**  
Benjamin Moore & Co.  
101 Paragon Drive  
Montvale, NJ 07645  
Phone: 1-866-708-9180  
www.benjaminmoore.com

**Emergency Telephone**  
CHEMTREC: +1 703-741-5970 / 1-800-424-9300  
+1 703-527-3887 (outside US & Canada)

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

### Label elements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

**Appearance** liquid

**Odor** little or no odor

### Hazards not otherwise classified (HNOC)

Not applicable

### Other information

No information available

**WARNING:** This product contains isothiazolinone compounds at levels of <0.1%. These substances are biocides commonly found in most paints and a variety of personal care products as a preservative. Certain individuals may be sensitive or allergic to these substances, even at low levels.

### 3. COMPOSITION INFORMATION ON COMPONENTS

Chemical name	CAS No.	Weight-%
Dipropylene glycol monomethyl ether	34590-94-8	1 - 5

### 4. FIRST AID MEASURES

<b>General Advice</b>	No hazards which require special first aid measures.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.
<b>Most Important Symptoms/Effects</b>	None known.
<b>Notes To Physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Protective equipment and precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Specific Hazards Arising From The Chemical</b>	Closed containers may rupture if exposed to fire or extreme heat.
<b>Sensitivity to mechanical impact</b>	No
<b>Sensitivity to static discharge</b>	No
<b>Flash Point Data</b>	
Flash point (°F)	Not applicable
Flash Point (°C)	Not applicable
Method	Not applicable
<b>Flammability Limits In Air</b>	

**Lower flammability limit:**  
**Upper flammability limit:**

Not applicable  
Not applicable

**NFPA**    **Health:** 1                    **Flammability:** 0                    **Instability:** 0                    **Special:** Not Applicable

**NFPA Legend**

- 0 - Not Hazardous
- 1 - Slightly
- 2 - Moderate
- 3 - High
- 4 - Severe

*The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.*

*Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at [www.nfpa.org](http://www.nfpa.org).*

**6. ACCIDENTAL RELEASE MEASURES**

- Personal Precautions**                    Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
- Other Information**                    Prevent further leakage or spillage if safe to do so.
- Environmental precautions**            See Section 12 for additional Ecological Information.
- Methods for Cleaning Up**            Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

**7. HANDLING AND STORAGE**

- Handling**                                    Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.
- Storage**                                    Keep container tightly closed. Keep out of the reach of children.
- Incompatible Materials**                No information available

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limits**

Chemical name	ACGIH TLV	OSHA PEL
Dipropylene glycol monomethyl ether	STEL: 150 ppm TWA: 100 ppm S*	100 ppm - TWA 600 mg/m <sup>3</sup> - TWA prevent or reduce skin absorption

**Legend**

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits  
OSHA - Occupational Safety & Health Administration Exposure Limits  
N/E - Not Established

- Engineering Measures**                    Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin Protection</b>	Protective gloves and impervious clothing.
<b>Respiratory Protection</b>	In case of insufficient ventilation wear suitable respiratory equipment.

**Hygiene Measures**                      Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	liquid
<b>Odor</b>	little or no odor
<b>Odor Threshold</b>	No information available
<b>Density (lbs/gal)</b>	8.55 - 8.65
<b>Specific Gravity</b>	1.03 - 1.05
<b>pH</b>	No information available
<b>Viscosity (cps)</b>	No information available
<b>Solubility(ies)</b>	No information available
<b>Water solubility</b>	No information available
<b>Evaporation Rate</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Wt. % Solids</b>	25 - 35
<b>Vol. % Solids</b>	20 - 30
<b>Wt. % Volatiles</b>	65 - 75
<b>Vol. % Volatiles</b>	70 - 80
<b>VOC Regulatory Limit (g/L)</b>	< 275
<b>Boiling Point (°F)</b>	212
<b>Boiling Point (°C)</b>	100
<b>Freezing point (°F)</b>	32
<b>Freezing Point (°C)</b>	0
<b>Flash point (°F)</b>	Not applicable
<b>Flash Point (°C)</b>	Not applicable
<b>Method</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper flammability limit:</b>	Not applicable
<b>Lower flammability limit:</b>	Not applicable
<b>Autoignition Temperature (°F)</b>	No information available
<b>Autoignition Temperature (°C)</b>	No information available
<b>Decomposition Temperature (°F)</b>	No information available
<b>Decomposition Temperature (°C)</b>	No information available
<b>Partition coefficient</b>	No information available

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Not Applicable
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Prevent from freezing.

**Incompatible Materials** No materials to be especially mentioned.

**Hazardous Decomposition Products** None under normal use.

**Possibility of hazardous reactions** None under normal conditions of use.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

#### Information on likely routes of exposure

**Principal Routes of Exposure** Eye contact, skin contact and inhalation.

#### Acute Toxicity

**Product Information** No information available

#### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Eye contact</b>	May cause slight irritation.
<b>Skin contact</b>	Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.
<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Sensitization</b>	No information available
<b>Neurological Effects</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>Target organ effects</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Other adverse effects</b>	No information available.
<b>Aspiration Hazard</b>	No information available

#### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	28730 mg/kg
<b>ATEmix (dermal)</b>	87019 mg/kg

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Dipropylene glycol monomethyl ether 34590-94-8	= 5.35 g/kg ( Rat )	= 9500 mg/kg ( Rabbit )	-

#### Chronic Toxicity

**Carcinogenicity**

*There are no known carcinogenic chemicals in this product above reportable levels.*

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity Effects**

The environmental impact of this product has not been fully investigated.

**Product Information**

**Acute Toxicity to Fish**

No information available

**Acute Toxicity to Aquatic Invertebrates**

No information available

**Acute Toxicity to Aquatic Plants**

No information available

**Persistence / Degradability**

No information available.

**Bioaccumulation**

There is no data for this product.

**Mobility in Environmental Media**

No information available.

**Ozone**

No information available

**Component Information**

**Acute Toxicity to Fish**

No information available

**Acute Toxicity to Aquatic Invertebrates**

No information available

**Acute Toxicity to Aquatic Plants**

No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method**

Dispose of in accordance with federal, state, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

**14. TRANSPORT INFORMATION**

DOT Not regulated

ICAO / IATA Not regulated

IMDG / IMO Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA: United States Yes - All components are listed or exempt.  
 DSL: Canada No - Not all of the components are listed.

**Federal Regulations**

**SARA 311/312 hazardous categorization**

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<u>Chemical name</u>	<u>CAS No.</u>	<u>Weight-%</u>	<u>CERCLA/SARA 313 (de minimis concentration)</u>
Dipropylene glycol monomethyl ether	34590-94-8	1 - 5	1.0

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following HAPs:

<u>Chemical name</u>	<u>CAS No.</u>	<u>Weight-%</u>	<u>Hazardous Air Pollutant (HAP) Listed</u>
Dipropylene glycol monomethyl ether	34590-94-8	1 - 5	Listed

**US State Regulations**

**California Proposition 65**

 **WARNING:** Cancer and Reproductive Harm– [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)





**End of Safety Data Sheet**