

SAFETY DATA SHEET

Revision Date: 22-May-2018 Revision Number: 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name BENWOOD STAYS CLEAR ACRYLIC POLYURETHANE FLAT

Product Code W42500 Alternate Product Code W42500

Product Class FINISH COATING

ColorClearRecommended usePaint

Restrictions on use No information available

Manufacturer Emergency Telephone

Benjamin Moore & Co. CHEMTREC (US): 800-424-9300

101 Paragon Drive Montvale, NJ 07645 Phone: 1-866-708-9180 www.benjaminmoore.com

2. HAZARDS IDENTIFICATION

CHEMTREC (outside US): (703)-527-3887

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

COMPOSITION INFORMATION ON COMPONENTS

Chemical name	CAS No.	Weight-%
Dipropylene glycol monomethyl ether	34590-94-8	10
Silicon dioxide, wax coated	112926-00-8	10
Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	25265-77-4	5

4. FIRST AID MEASURES

No hazards which require special first aid measures. **General Advice**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a **Eye Contact**

physician.

Skin Contact Wash off immediately with soap and plenty of water while removing all

contaminated clothes and shoes.

Inhalation Move to fresh air. If symptoms persist, call a physician.

Clean mouth with water and afterwards drink plenty of water. Consult a physician Ingestion

if necessary.

Most Important Symptoms/Effects None known.

Notes To Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

As in any fire, wear self-contained breathing apparatus **Protective Equipment And Precautions For**

Firefighters

pressure-demand, MSHA/NIOSH (approved or equivalent)

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and full protective gear.

Closed containers may rupture if exposed to fire or **Specific Hazards Arising From The Chemical**

extreme heat.

Sensitivity To Mechanical Impact No

Sensitivity To Static Discharge No

Flash Point Data

Not applicable Flash Point (°F) Flash Point (°C) Not applicable Method Not applicable

Flammability Limits In Air

Lower flammability limit:Not applicableUpper flammability limit: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.

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 Clean-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	100 ppm - TWA	100 ppm - TWA
	150 ppm - STEL	600 mg/m ³ - TWA
	Skin	prevent or reduce skin absorption
Silicon dioxide, wax coated	N/E	20 mppcf - TWA
		-

Legend

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA - Occupational Safety & Health Administration Exposure Limits

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N/E - Not Established

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection Safety glasses with side-shields.

Skin Protection Protective gloves and impervious clothing.

Respiratory Protection 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

Appearance liquid

Odor little or no odor

Odor Threshold No information available

 Density (lbs/gal)
 8.6 - 9.0

 Specific Gravity
 1.03 - 1.08

pHNo information availableViscosity (cps)No information availableSolubility(ies)No information availableWater solubilityNo information availableEvaporation RateNo information available

Vapor pressure @20 °C (kPa)No information availableVapor densityNo information available

Wt. % Solids 30 - 40 Vol. % Solids 30 - 40 Wt. % Volatiles 60 - 70Vol. % Volatiles 60 - 70 VOC Regulatory Limit (g/L) < 275 **Boiling Point (°F)** 212 **Boiling Point (°C)** 100 Freezing Point (°F) 32 Freezing Point (°C)

Flash Point (°F)

Flash Point (°C)

Method

Flammability (solid, gas)

Upper flammability limit:

Not applicable

Not applicable

Not applicable

Lower flammability limit:

Autoignition Temperature (°F)

Autoignition Temperature (°C)

Decomposition Temperature (°F)

Decomposition Temperature (°C)

No information available

No information available

No information available

Partition coefficient No information available

10. STABILITY AND REACTIVITY

Reactivity Not Applicable

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Chemical Stability Stable under normal conditions.

Conditions to avoid 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

Eye contact May cause slight irritation.

Skin contact Substance may cause slight skin irritation. Prolonged or repeated contact may dry

skin and cause irritation.

Inhalation May cause irritation of respiratory tract.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Sensitization No information available No information available. **Neurological Effects Mutagenic Effects** No information available. **Reproductive Effects** No information available. No information available. **Developmental Effects** Target organ effects No information available. STOT - single exposure No information available. STOT - repeated exposure No information available. Other adverse effects No information available. No information available **Aspiration Hazard**

Numerical measures of toxicity

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

ATEmix (oral) 58217 mg/kg ATEmix (dermal) 114356

Component Information

Dipropylene glycol monomethyl ether

LD50 Oral: 5400 µL/kg (Rat)

LD50 Dermal: 10 mL/kg (Rabbit)
Silicon dioxide, wax coated
LD50 Oral: > 3300 mg/kg (Rat)
LD50 Dermal: > 5000 mg/kg (Rat)

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.

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14. TRANSPORT INFORMATION

DOT Not regulated

ICAO / IATA Not regulated

IMDG / IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA: United StatesYes - All components are listed or exempt.

Yes - All components are listed or exempt.

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:

Chemical name	CAS No.	Weight-%	CERCLA/SARA 313
			(de minimis concentration)
Dipropylene glycol monomethyl ether	34590-94-8	10	1.0

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

This product contains the following HAPs:

None

US State Regulations

California Proposition 65

⚠ WARNING: Cancer and Reproductive Harm– www.P65warnings.ca.gov

State Right-to-Know

Chemical name	Massachusetts	New Jersey	Pennsylvania
Dipropylene glycol monomethyl ether	X	X	X
Silicon dioxide, wax coated	X	X	X

Legend

X - Listed

16. OTHER INFORMATION

HMIS -Health: 1 Flammability: 0 Reactivity: 0 PPE: -

HMIS Legend

- 0 Minimal Hazard
- 1 Slight Hazard
- 2 Moderate Hazard
- 3 Serious Hazard
- 4 Severe Hazard
- Chronic Hazard
- X Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Prepared By Product Stewardship Department

> Benjamin Moore & Co. 101 Paragon Drive Montvale, NJ 07645

800-225-5554

22-May-2018 **Revision Date: Revision Summary** Not available

Disclaimer

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END OF SAFETY DATA SHEET