

SAFETY DATA SHEET

Revision Date: 22-May-2018

Revision Number: 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Product Code Alternate Product Code Product Class Color Recommended use Restrictions on use

BENWOOD STAYS CLEAR ACRYLIC POLYURETHANE FLAT N42500 N42500

Water thinned paint All Paint No information available

Manufacturer

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

Emergency Telephone

CHEMTREC (US): 800-424-9300 CHEMTREC (outside US): (703)-527-3887

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

3. 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	25265-77-4	5
2,2,4-trimethyl-1,3-pentanediol		

4. FIRST AID MEASURES		
General Advice	No hazards which require special first aid measures.	
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a 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.	
Ingestion	Clean mouth with water and afterwards drink plenty of water. Consult a physician 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 pressure-demand, MSHA/NIOSH (approved or equivalent)

Closed containers may rupture if exposed to fire or

and full protective gear.

extreme heat.

Not applicable

Not applicable

Not applicable

No

No

Protective Equipment And Precautions For Firefighters

Specific Hazards Arising From The Chemical

Sensitivity To Mechanical Impact

Sensitivity To Static Discharge

Flash Point Data Flash Point (°F) Flash Point (°C) Method

Flammability Limits In Air

Lower flammability limit: Upper flammability limit:

Not applicable Not applicable

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/m³ - 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

N/E - Not Established

Engineering Measures	Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment Eye/Face Protection Skin Protection Respiratory Protection	Safety glasses with side-shields. Protective gloves and impervious clothing. 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 (Ibs/gal)	8.6 - 9.0
Specific Gravity	1.03 - 1.08
pH	No information available
Viscosity (cps)	No information available
Solubility(ies)	No information available
Water solubility	No information available
Evaporation Rate	No information available
Vapor pressure @20 °C (kPa)	No information available
Vapor density	No information available
Wt. % Solids	30 - 40
Vol. % Solids	30 - 40
Wt. % Volatiles	60 - 70
Vol. % Volatiles	60 - 70
VOC Regulatory Limit (g/L)	< 275
Boiling Point (°F)	212
Boiling Point (°C)	100
Freezing Point (°F)	32
Freezing Point (°C)	0
Flash Point (°F)	Not applicable
Flash Point (°C)	Not applicable
Method	Not applicable
Flammability (solid, gas)	Not applicable
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Autoignition Temperature (°F)	No information available
Autoignition Temperature (°C)	No information available
Decomposition Temperature (°F)	No information available
Decomposition Temperature (°C)	No information available
Partition coefficient	No information available

10. STABILITY AND REACTIVITY

Reactivity

Not Applicable

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 physic	cal, 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 Skin contact Inhalation Ingestion Sensitization Neurological Effects Mutagenic Effects Reproductive Effects Developmental Effects Target organ effects STOT - single exposure STOT - repeated exposure Other adverse effects	May cause slight irritation. Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation. May cause irritation of respiratory tract. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. No information available No information available. No information available.	
Aspiration Hazard	No information available	
Numerical measures of toxicity		
The following values are calcul	ated 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) <u>Silicon dioxide, wax coated</u> 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.
	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	Yes - All components are listed or exempt.

Federal Regulations

SARA 311/312 hazardous categorization

No
No
No
No
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

MARNING: Cancer and Reproductive Harm– www.P65warnings.ca.gov

State Right-to-Know

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

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federal, provincial, and local laws and regulations.

END OF SAFETY DATA SHEET