SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issuing Date 24-May-2016 Revision Date: 24-May-2016 Revision Number: 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1-800-424-9300 (NORTH AMERICA)

Product Name BENWOOD STAYS CLEAR ACRYLIC POLYURETHANE FLAT

Product Code N42500 N42500 **Alternate Product Code**

Product Class WATER THINNED PAINT

Color

Recommended use Polyurethane paint Restrictions on use No information available

Only Representative (OR) **Emergency Telephone**

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Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

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

2.2. Label elements

Product Identifier

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

Signal word

None

EUH208 - Contains (2-Methyl-4-isothiazolin-3-one). May produce an allergic reaction

EUH210 - Safety data sheet available on request

2.3. Other hazards

General Hazards No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	EINECS/ELINCS No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Dipropylene glycol monomethyl ether	252-104-2	34590-94-8	>=5 - <10	Flam. liq 4 (H227)	Not available
Silicon dioxide, wax coated	-	112926-00-8	>=5 - <10		01-2119379499-16-02 81
Propylene glycol	200-338-0	57-55-6	>=1 - <5		Not available
2-Methyl-4-isothiazolin-3-one	220-239-6	2682-20-4	>=0.01 - < 0.05	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Eye Dam. 1 (H318) STOT SE 3 (H335) Aquatic Acute 1 (H400)	Not available

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Description of first aid measures

General Advice No hazards which require special first aid measures.

Eye ContactRinse 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.

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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.

4.2. Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects None known.

4.3. Indication of any immediate medical attention and special treatment needed

Notes To Physician Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

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5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

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Unsuitable Extinguishing Media No information available.

5.2. Special hazards arising from the substance or mixture

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

extreme heat.

Sensitivity To Static Discharge No

Sensitivity To Mechanical Impact No

5.3. Advice for firefighters

Protective Equipment And Precautions For

Firefighters

Wear self-contained breathing apparatus and protective

suit.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with skin, eyes and clothing. Ensure

adequate ventilation.

Other Information Observe all relevant local and international regulations.

6.2. Environmental precautions

Environmental precautions Prevent spreading of vapors through sewers, ventilation

systems and confined areas.

6.3. Methods and material for containment and cleaning up

Methods for Containment Absorb with inert material and place in suitable container

for disposal.

Methods for Cleaning Up Clean contaminated surface thoroughly.

6.4. Reference to other sections

Other information See Section 12 for additional information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

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.

Hygiene Measures Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed. Keep out of the reach of

children.

7.3. Specific end use(s)

Specific Uses Architectural coating. Apply as directed. Refer to product

label / literature for specific instructions.

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Risk Management Methods (RMM) Not Applicable.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Chemical name	European Union	United Kingo	dom	Belgi	um	Bu	Igaria		Cyprus	Greece
Dipropylene glycol	TWA: 50 ppm	TWA: 50 pp	m	TWA: 50) ppm	Pote	ntial for	TV	VA: 50 ppm	TWA: 100 ppm
monomethyl ether	TWA: 308 mg/m ³	TWA: 308 mg	g/m³	TWA: 308	mg/m³	cuta	aneous	TW	4: 308 mg/m ³	TWA: 600 mg/m ³
34590-94-8	S*	STEL: 150 p	pm	skir	1	abs	orption		S*	STEL: 150 ppm
		STEL: 924 mg	g/m³			TWA:	: 50 ppm			STEL: 900 mg/m ³
							08.0 mg/m ³			S*
							S*			
Silicon dioxide, wax				TWA: 10	mg/m³	TWA: 1	0.0 mg/m ³			
coated										
112926-00-8										
Propylene glycol		TWA: 150 p _l								
57-55-6		TWA: 474 mg								
		TWA: 10 mg								
		STEL: 450 p								
		STEL: 1422 m								
		STEL: 30 mg	J/m³							
Chemical name	Ireland	Latvia		Lithua			oland		Romania	Spain
Dipropylene glycol	TWA: 50 ppm	TWA: 50 pp		TWA: 50			240 mg/m ³		VA: 50 ppm	TWA: 50 ppm
monomethyl ether	TWA: 308 mg/m ³		g/m³	TWA: 300		SIEL:	480 mg/m ³		A: 308 mg/m ³	TWA: 308 mg/m ³
34590-94-8	STEL: 150 ppm	S*		STEL: 75					VA: 18 ppm	S*
	STEL: 924 mg/m ³ skin	` 		STEL: 450 S*	mg/m ³			1 007	A: 300 mg/m ³ S*	
Ciliana diavida	SKIII			3		T\\\\ \ . 4	0.0/3		3	
Silicon dioxide, wax coated							0.0 mg/m ³			
112926-00-8						I WA.	2 mg/m ³			
	TWA: 150 ppm	TWA: 7 mg/	-m-3	TWA: 7 r						
Propylene glycol 57-55-6	TWA: 150 ppm TWA: 470 mg/m ³		III	I IVVA: / I	ng/m²					
37-33-6	TWA: 470 mg/m ³									
	STEL: 450 ppm									
	STEL: 430 ppin	3								
	STEL: 30 mg/m ³									
Chemical name	Italy	France	Net	herlands	Gerr	nanv	Swede	n	Hungary	Iceland
Dipropylene glycol	TWA: 50 ppm	TWA: 50 ppm		300 mg/m ³		50 ppm	TLV: 50 p		STEL: 308	50 ppm TWA
monomethyl ether		WA: 308 mg/m ³		555 mg/m			TLV: 300 m		mg/m ³	300 mg/m³ TWA
34590-94-8	pelle*	Risk of					STEL: 75		TWA: 308 mg/r	
	P	cutaneous					STEL: 4			
		absorption					mg/m ³			
		·					skin			

8.2. Exposure controls

Occupational exposure controls

Engineering Measures Ensi

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Respiratory Protection In case of insufficient ventilation wear suitable respiratory

equipment.

Eye Protection Safety glasses with side-shields.

Skin Protection Lightweight protective clothing.

Hand protection Impervious gloves.

Hygiene Measures Avoid contact with skin, eyes and clothing. Remove and

wash contaminated clothing before re-use. Wash

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thoroughly after handling.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance liquid

Odor little or no odor

Odor Threshold No information available

Values **Property** Remarks/ Method 1030 - 1078 Density (g/L) None known 1.03 - 1.08 **Relative Density** None known No information available None known Ha Viscosity (cps) No information available None known Solubility(ies) No information available None known Water solubility No information available None known **Evaporation Rate** No information available None known Vapor pressure @20 °C (kPa) No information available None known Vapor density No information available None known Wt. % Solids 30 - 40 None known 30 - 40 Vol. % Solids None known Wt. % Volatiles 60 - 70None known 60 - 70 Vol. % Volatiles None known **Boiling Point (°C)** 100 None known Freezing Point (°C) None known Melting Point (°C) No information available None known **Pour Point** No information available None known Flash Point (°C) Not applicable None known Flammability (solid, gas) No information available None known **Upper flammability limit:** No information available None known Lower flammability limit: No information available None known Autoignition Temperature (°C) No information available None known **Decomposition Temperature (°C)** No information available None known Partition coefficient No information available None known **Explosive properties** No information available None known **Oxidizing Properties** No information available None known

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity Not Applicable.

10.2. Chemical stability

Chemical Stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal conditions of use.

10.4. Conditions to avoid

Conditions to avoid Prevent from freezing.

10.5. Incompatible materials

Incompatible Materials No materials to be especially mentioned.

10.6. Hazardous decomposition products

Hazardous Decomposition Products

None under normal conditions of use.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Product Information

Inhalation Inhalation of vapors in high concentration may cause

irritation of respiratory system. Avoid breathing vapors or

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mists.

Eye contactThere is no data available for this product.

Skin contact Prolonged skin contact may cause skin irritation and/or

dermatitis. May cause sensitization by skin contact.

Ingestion There is no data available for this product.

Acute Toxicity

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Dipropylene glycol monomethyl	= 5400 μL/kg (Rat)	= 9500 mg/kg (Rabbit)	
ether			
34590-94-8			
Propylene glycol	= 20 g/kg (Rat)	= 20800 mg/kg (Rabbit)	
57-55-6			
2-Methyl-4-isothiazolin-3-one	232 - 249 mg/kg (Rat)	= 200 mg/kg (Rabbit)	= 0.11 mg/L (Rat) 4 h

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2682-	,	

Skin corrosion/irritationNo information available.

Eye damage/irritationNo information available.

Sensitization May cause sensitization of susceptible persons.

Mutagenic Effects No information available.

Carcinogenic effects

None known.

Reproductive Effects No information available.

Developmental EffectsNo information available.

STOT - single exposureNo information available.

STOT - repeated exposureNo information available.

Neurological Effects No information available.

Target organ effects No information available.

Symptoms No information available.

Aspiration Hazard No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

The environmental impact of this product has not been fully investigated

Chemical name	Algae/aquatic plants	Fish	Crustacea
Dipropylene glycol monomethyl		LC50 > 10000 mg/L Pimephales	LC50 = 1919 mg/L (48 h)
ether		promelas (96 h)	
34590-94-8			
Propylene glycol		LC50 41 - 47 mL/L Oncorhynchus	EC50 > 1000 mg/L (48 h) EC50 >
57-55-6		mykiss (96 h) LC50 = 710 mg/L	10000 mg/L (24 h)
		Pimephales promelas (96 h) LC50 =	
		51600 mg/L Oncorhynchus mykiss	
		(96 h) LC50 = 51400 mg/L	
		Pimephales promelas (96 h)	

12.2. Persistence and degradability

Persistence / Degradability

No information available.

12.3. Bioaccumulative potential

Bioaccumulation

No information available.

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Chemical name	Partition coefficient	
Dipropylene glycol monomethyl ether 34590-94-8	-0.064	

12.4. Mobility in soil

Mobility in soil No information available.

Mobility in Environmental Media No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

No information available.

Chemical name	PBT and vPvB assessment
Dipropylene glycol monomethyl ether 34590-94-8	The substance is not PBT / vPvB
Propylene glycol 57-55-6	The substance is not PBT / vPvB PBT assessment does not apply

12.6. Other adverse effects

Other adverse effects No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products

Dispose of in accordance with the European Directives on

waste and hazardous waste.

Contaminated Packaging Empty containers should be taken for local recycling,

recovery or waste disposal.

EWC waste disposal No No information available

Other Information Waste codes should be assigned by the user based on the

application for which the product was used.

Section 14: TRANSPORT INFORMATION

IMDG Not regulated

RID Not regulated

ADR Not regulated

ADN Not regulated

IATA Not regulated

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Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Occupational Illnesses (R-463-3, France)

Chemical name	French RG number
Dipropylene glycol monomethyl ether 34590-94-8	RG 84
Propylene glycol 57-55-6	RG 84

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

International Inventories

AICS No - Not all of the components are listed. Yes - All components are listed or exempt. **DSL: Canada** No - Not all of the components are listed. **EINECS: European Union** No - Not all of the components are listed. **ENCS IECSC** No - Not all of the components are listed. **KECL** No - Not all of the components are listed. **PICCS** No - Not all of the components are listed. **TSCA: United States** Yes - All components are listed or exempt.

Legend

AICS - Australian Inventory of Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

IECSC - China Inventory of Existing Chemical Substances

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

15.2. Chemical safety assessment

Chemical Safety Report

No information available

Section 16: OTHER INFORMATION

Full text of H-Statements referred to under section 3

H227 - Combustible liquid

H301 - Toxic if swallowed

H311 - Toxic in contact with skin

H314 - Causes severe skin burns and eye damage

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H335 - May cause respiratory irritation

H400 - Very toxic to aquatic life

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Classification procedure: Expert judgment and weight of evidence determination

Key literature references and sources for data

Data from internal and external sources

Prepared By Product Stewardship Department

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Issuing Date 24-May-2016

Revision Date: 24-May-2016

Revision Summary Change to Format

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End of Safety Data Sheet