

SAFETY DATA SHEET

Date Issued: 04-27-2015
Supersedes: 08-01-2012

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name Durathane™
Product Number BPR523001-C, BPR523005-C, BPR523001-B, and BPR523005-B
Brand Brighton Professional™
Recommended Use Floor finish
Uses advised against Uses other than those identified on the product label are not recommended.
Supplier Name Staples Contract & Commercial, Inc.
Supplier Address 500 Staples Drive
 Framingham MA 01702 USA
Supplier Phone Number 1-888-322-0912
SDS Internet Address: <http://sds.staples.com>
Emergency telephone number 1-888-322-0912

2. HAZARDS IDENTIFICATION

Classification for the Undiluted Product

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Precautionary Statements – Prevention: Not required.

Hazards not otherwise classified (HNOC): Not applicable

Other information: Harmful to aquatic life.

Interactions with Other Chemicals: No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Acrylic polymer	trade secret	10 - 15
Ethoxydiglycol	111-90-0	3 - 7
Tributoxyethyl Phosphate	78-51-3	1 - 5
1-Methyl-2-pyrrolidone	872-50-4	0.5 – 1.5
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	0.5 – 1.5
Ethane-1,2-diol	107-21-1	0.1 - 1
Dipropylene Glycol Methyl Ether	34590-94-8	0.5- 1.5

Balance is water and similar non-hazardous ingredients. No fragrance added.

4. FIRST AID MEASURES

First aid measures:

Eye Contact

Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses after the first five minutes if present, then continue rinsing eye. If irritation occurs and persists, seek medical advice.

Skin Contact	Flush immediately with plenty of water for at least 15 minutes. If irritation occurs and persists, seek prompt medical advice.
Inhalation	If symptoms develop, move victim to fresh air and seek medical advice.
Ingestion	Rinse mouth immediately and drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

Most Important Symptoms and Effects: May be irritating to skin and eyes. May be irritating to the mouth, throat and stomach. May be irritating to respiratory tract.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Water spray (fog). Dry chemical. Carbon dioxide (CO ₂). Foam
Unsuitable extinguishing media:	Not determined
Specific Hazards Arising from the Chemical:	Product is not flammable.
Hazardous Combustion Products:	Carbon oxides. Phosphorus oxides.

Explosion Data

Sensitivity to Mechanical Impact: No.

Sensitivity to Static Discharge: No.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid contact with eyes.
Environmental Precautions:	Refer to protective measures listed in Sections 7 and 8.
Methods for Containment:	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up:	Floor may become slippery. Small spills may be absorbed with non-reactive absorbent. Rinse area with water. Recover liquid with wet mop or vacuum. Keep spill out of sewers and waterways.

7. HANDLING AND STORAGE

Handling:	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Use only in well-ventilated area. Do not eat, drink or smoke when handling this product.
Storage:	Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep/store only in original container. Store away from incompatible materials. Keep from freezing.
Incompatible Products:	Acids. Oxidizers. Caustics.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 600 mg/m ³	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900 mg/m ³

Appropriate engineering controls

Engineering Measures: General ventilation normally adequate.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Safety goggles.
Skin and Body Protection	Chemical resistant gloves
Respiratory Protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation, respirator or evacuation may be required.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical State**

Appearance	Liquid	Odor	Fruity
Color	White	Odor Threshold	No information available

Property**Values**

pH (as is)	8.0 – 9.0
Melting / freezing point	No data available
Boiling point /boiling range	>100 °C / >212 °F
Flash Point	>93.3 °C / >200 °F
Evaporation Rate	No data available
Flammability	No data available
Lower flammability limit	No data available
Vapor density	No data available
Specific Gravity	1.042
Water Solubility	Soluble in water
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Explosive properties	No data available
Softening Point	No data available
VOC Content (by weight)	<1.0 (<10 g/L)
Particle Size	No data available
Particle Size Distribution	No data available

This product is compliant with California Air Resources Board (CARB) regulations on Volatile Organic Compounds (VOC).

10. STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Hazardous Polymerization:	Hazardous polymerization does not occur.
Conditions to avoid:	Keep separated from incompatible substances. Avoid high temperatures. Keep out of reach of children.
Incompatible materials:	Acids. Oxidizers. Caustics.
Hazardous Decomposition Products:	Carbon oxides. Phosphorus oxides.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product information:**

Inhalation	Avoid breathing vapors or mists.
Eye Contact	Avoid contact with eyes.
Skin Contact	Avoid contact with skin.
Ingestion	Do not ingest.

Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Di(ethylene glycol) ethyl ether 111-90-0	= 1920 mg/kg (Rat)	= 4200 µL/kg (Rabbit) = 6 mL/kg (Rat)	> 5240 mg/m ³ (Rat) 4 h
Tributoxyethyl phosphate 78-	= 3000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 6.4 mg/L (Rat) 4 h
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate 6846-50-0	> 3200 mg/kg (Rat)	-	-
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	= 5230 mg/kg (Rat)	= 9500 mg/kg (Rabbit)	-

Information on toxicological effects**Symptoms**

Please see section 4 of this SDS for symptoms.

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

Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenicity	Contains no ingredient listed as a carcinogen.
Reproductive Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic Toxicity	No known effect based on information supplied.
Target Organ Effects	None known.
Aspiration Hazard	No information available.

Numerical measures of toxicity Product Information

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

Not available

12. ECOLOGICAL INFORMATION**Ecotoxicity:**

Harmful to aquatic life.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
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Persistence and Degradability:

No information available.

Bioaccumulation:

No information available.

Other adverse effects:

No information available.

13. DISPOSAL CONSIDERATIONS**Disposal methods:**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

24-HR EMERGENCY PHONE: 1-888-322-0912

DOT/ TDG/ MEX/ ICAO/ IATA/ IMDG/IMO: Not regulated

15. REGULATORY INFORMATION**International Inventories**

TSCA(US)

Complies

DSL (Canada)

All components are listed either on the DSL or NDSL.

US Federal Regulations**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-%	SARA 313 - Threshold Values %
Di(ethylene glycol) ethyl ether	111-90-0	<5	1.0
Dipropylene Glycol Monomethyl Ether (DPM)	34590-94-8	<1	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard

Yes

Chronic Health Hazard

No

Fire Hazard

No

Sudden release of pressure hazard

No

Reactive Hazard

No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name / CAS	New Jersey	Massachusetts	Pennsylvania
Di(ethylene glycol) ethyl ether 111-90-0	X		X
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	X	X	X

International Regulations

Canada

16. OTHER INFORMATION

NFPA	Health Hazards 1	Flammability 0	Instability 0	Physical & chemical Hazards –
HMIS	Health Hazards 1	Flammability 0	Physical Hazard 0	Personal protection X

Prepared By: Regulatory Specialist, Staples Brand Group, (508) 253-5000

Always follow label directions carefully when using this or any other chemical product. If information about this product is required, please contact Staples at 1-888-322-0912 or visit our website at www.staplesadvantage.com. Keep Safety Data Sheets filed and organized in an area accessible to workers according to all applicable regulations.

All information contained in this SDS is provided to the best of Staples Contract & Commercial Inc's knowledge. No warranty is made with respect to this information expressed or implied, including warranties of merchantability or fitness for a particular purpose. Users are responsible for verifying the information under their own operating conditions to determine whether the products listed in the SDS are suitable for their intended use. Users are responsible for compliance with all laws and regulations as may be required by their receipt of the information and use of the products provided with this SDS.