



SAFETY DATA SHEET

Date Issued: 04-27-2015
Supersedes: 03-14-2013

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

Product Name 80 Floor Finish and Sealer
Product Number SEB800001-D, SEB800005-D, SEB800001-C, SEB800005-C, SEB800001-B, SEB800005-B, SEB800001-D, and SEB800005-D
Brand Sustainable Earth by Staples®
Recommended Use Floor finish and sealer
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
Propylene glycol	57-55-6	1 - 5
Tributoxyethyl phosphate	78-51-3	1 - 5
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	1 - 5
Ethene, homopolymer, oxidized, potassium salt	68441-73-6	1 - 5
2,5-furandione, polymer with 1-propene, potassium salt	62195-78-2	0.1 - 1
6-methyl-3-(4-methylsulfonylphenyl)-4-phenylpyran-2-one	184179-24-6	0.1 - 1
C12-15 Pareth-5	68131-39-5	0.1 - 1
Dipropylene glycol methyl ether	34590-94-8	0.1 - 1
Dipropylene glycol butyl ether	29911-28-2	0.1 - 1
Undeceth-5	34398-01-1	0.1 - 1

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 (CO₂). 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:** Prevent from entering soil, ditches, sewers, waterways and/or ground water.
- 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
Dipropylene glycol butyl ether 29911-28-2	Mist: 10 mg/m ³	-	-

4. FIRST AID MEASURES

Flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses if present and continue rinsing. If irritation occurs and persists, seek medical attention.

Inhalation: Move to fresh air. If irritation occurs and persists, seek prompt medical attention.

Swallowing: Do not induce vomiting. Never give anything by mouth to an unconscious person.

May be irritating to skin and eyes. May be irritating to the mouth, throat and stomach. May be irritating to respiratory tract.

Prevention and special treatment needed
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Water spray (fog). Dry chemical. Carbon dioxide (CO₂). Foam.

Flammability: Not determined.

Chemical: Product is not flammable.

Carbon oxides. Phosphorus oxides.

No

No

Special fire fighting procedures
Use self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Avoid contact with eyes.

Prevent from entering soil, ditches, sewers, waterways and/or ground water.

Prevent further leakage or spillage if safe to do so.

Spills may become slippery. Small spills may be absorbed with non-reactive absorbent. Rinse with water. Recover liquid with wet mop or vacuum. Keep spill out of sewers and waterways.

7. HANDLING AND STORAGE

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.

Keep containers tightly closed and store in a cool, dry and well-ventilated place. Keep/store only in original container away from incompatible materials. Keep from freezing.

Caustics.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ACGIH TLV	OSHA PEL	NIOSH IDLH
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

9. PHYSICAL AND CHEMICAL PROPERTIES

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.

Physical State	Liquid	Odor	Characteristic
Appearance		Odor Threshold	No information available
Color	White		

Property	Values
pH (as is)	7.8 – 8.8
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	1.027
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 % (<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.

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4. FIRST AID MEASURES

Flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses if present, then continue rinsing eye. If irritation occurs and persists, seek medical attention.
 Flush with plenty of water for at least 15 minutes. If irritation occurs and persists, seek prompt medical attention.
 Move victim to fresh air and seek medical advice.
 Immediately and drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.
 May be irritating to skin and eyes. May be irritating to the mouth, throat and stomach.
 May be irritating to respiratory tract.

Prevention and special treatment needed
 Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Water spray (fog). Dry chemical. Carbon dioxide (CO₂). Foam
 Not determined
Flammability: Product is not flammable.
 Carbon oxides. Phosphorus oxides.

No
 No

For firefighters
 Self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Avoid contact with eyes.
 Prevent from entering soil, ditches, sewers, waterways and/or ground water.
 Prevent further leakage or spillage if safe to do so.
 May become slippery. Small spills may be absorbed with non-reactive absorbent. Rinse thoroughly with water. Recover liquid with wet mop or vacuum. Keep spill out of sewers and waterways.

7. HANDLING AND STORAGE

Handle 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.
 Keep tightly closed and store in a cool, dry and well-ventilated place. Keep/store only in original container away from incompatible materials. Keep from freezing.
 Caustics.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ACGIH TLV	OSHA PEL	NIOSH IDLH
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

Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Tributoxyethyl phosphate 78-51-3	= 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)	-
C12-15 Pareth-5 68131-39-5	= 2 g/kg (Rat)	-	-

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 / CAS	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Tributoxyethyl phosphate 78-51-3		10.4 - 12.0: 96 h Pimephales promelas mg/L LC50 flow-through		
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate 6846-50-0		1.55: 96 h Pimephales promelas mg/L LC50 static		1.46: 48 h Daphnia magna mg/L EC50
Dipropylene glycol monomethyl ether (DPM) 34590-94-8		10000: 96 h Pimephales promelas mg/L LC50 static		1919: 48 h Daphnia magna mg/L LC50

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 %
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	Rhode Island	Illinois
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 – Personal protection X
 HMIS Health Hazards 1 Flammability 0 Physical Hazard 0

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

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 medical advice.
Inhalation
 Remove 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.

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.
Call a Physician
 May be irritating to respiratory tract.
 Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing Media:
 Water spray (fog). Dry chemical. Carbon dioxide (CO₂). Foam
Hazardous Combustion Products:
 Not determined
 Carbon oxides. Phosphorus oxides.
Mechanical Impact:
 Product is not flammable.
Static Discharge:
 No
 No

Use and precautions for firefighters:
 Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Precautions:
 Avoid contact with eyes.
Prevention:
 Prevent from entering soil, ditches, sewers, waterways and/or ground water.
Clean up:
 Prevent further leakage or spillage if safe to do so.
 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

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.
 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.
 Oxidizers. Caustics.

EXPOSURE CONTROLS/PERSONAL PROTECTION

ACGIH TLV	OSHA PEL	NIOSH IDLH
STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 600 mg/m ³	IDLH: 600 mg/m ³
Mist: 10 mg/m ³		

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4. FIRST AID MEASURES

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

Inhalation: Immediately with plenty of water for at least 15 minutes. If irritation occurs and persists, seek prompt medical attention.

Ingestion: Develop, move victim to fresh air and seek medical advice. Do not induce vomiting. Never give anything by mouth to an unconscious person.

May be irritating to skin and eyes. May be irritating to the mouth, throat and stomach.

May be irritating to respiratory tract.

Medical condition and special treatment needed: None known at symptomatically.

5. FIRE-FIGHTING MEASURES

Water spray (fog). Dry chemical. Carbon dioxide (CO₂). Foam.

Not determined.

Product is not flammable.

Carbon oxides. Phosphorus oxides.

No.

No.

Firefighters: Self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective clothing.

6. ENVIRONMENTAL RELEASE MEASURES

Do not allow to enter waterways or drainages.

Do not discharge into soil, ditches, sewers, waterways and/or ground water.

Do not discharge into air.

Do not discharge into waterways. Small spills may be absorbed with non-reactive absorbent. Rinse with water.

Recover liquid with wet mop or vacuum. Keep spill out of sewers and waterways.

7. HANDLING AND STORAGE

Use good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing.

Wash hands with soap and water after handling. Use only in well-ventilated area. Do not eat, drink or use tobacco while using this product.

Store in a cool, dry and well-ventilated place. Keep/store only in original container.

Do not mix with incompatible materials. Keep from freezing.

8. CONTROLS/PERSONAL PROTECTION

OSHA PEL	NIOSH IDLH
TWA: 100 ppm	IDLH: 600 ppm
TWA: 600 mg/m ³	TWA: 100 ppm
	TWA: 600 mg/m ³
	STEL: 100 ppm
	STEL: 600 mg/m ³

SEB80 Floor Finish and Sealer SEB8000.04-27-2015

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.