

Manufacturer:



For more information call:  
Ph: (800) 258-5998  
Fax: (508) 495-3210

**E Paint Company**  
25 Research Road  
Falmouth, MA 02536

In case of emergency call:  
(800) 424-9300

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## 1. Identification

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Product Name: SUNWAVE (PART A)

EPA Registration #: N/A

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## 2. Hazardous Components

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<u>Ingredient Name:</u>	<u>CAS #</u>	<u>Weight %</u>	<u>Occupational Exposure</u>		<u>Vap. Press</u>
			<u>TLV</u>	<u>PEL</u>	<u>mm Hg</u>
Proprietary Epoxy Resin		5-50%	NE	NE	TWA 25ppm
Zinc Oxide	1314-13-2	45-55%	5mg/m <sup>3</sup>	5mg/m <sup>3</sup>	N/A

NE = Not Established

N/A = Not Applicable

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## 3. Hazard Identification

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## **Primary Routes of Entry:**

**Inhalation, Skin, eyes, ingestion**

## **Potential Health Hazards:**

### Skin, Inhalation and Eyes Acute:

Warning! Can cause irritation and possible allergic reaction. Harmful if absorbed through skin. May have effects on the blood.

### Skin, Inhalation and Eyes Chronic:

May cause moderate eye irritation. May cause moderate corneal injury.

### Skin Absorption Acute:

Warning! Can cause irritation and possible allergic reaction. Harmful if absorbed through skin. May have effects on the blood. Brief contact is essentially non-irritating to skin.

### Skin Absorption Chronic:

Prolonged contact may cause skin irritation with local redness. May cause a more severe response if skin is cut or scratched. Repeat contact may cause skin burns. Symptoms may include pain, severe local redness, swelling and tissue damage. Skin contact may cause an allergic skin rejection.

### Inhalation Acute:

Warning! Can cause irritation and possible allergic reaction. Harmful if absorbed through skin. May have effects on the blood.

### Inhalation Chronic:

May cause respiratory irritation and other effects.

### Ingestion Acute:

Warning! Can cause irritation and possible allergic reaction. May have effects on the blood. Low toxicity if swallowed. Small amounts are not likely to cause injury.

### Ingestion Chronic:

Swallowing large amounts may cause injury. Consult a medical doctor.

Promptly remove contaminated clothing. Wash affected area with plenty of water, and soap if available for several minutes. Get medical attention if irritation occurs.

Eyes:

Move individual away from exposure into fresh air. Flush eyes with copious amounts of water while holding eyelids apart for at least 15 minutes. Remove contacts if present after the first five minutes then continue flushing for at least 15 minutes. If symptoms persist, seek medical attention.

Inhalation:

Remove individual to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical attention.

Ingestion:

If swallowed, give at least 3-4 glasses of water but do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. See medical attention.

Medical Conditions Generally Aggravated by Exposure:

Not Determined.

General Note:

Overexposure to this material can cause moderate to severe eye irritation. Can cause allergic respiratory reactions and allergic skin reactions. If burn is present, treat as any normal burn after decontamination. Consider additional skin washing with mild non-abrasive soap and plenty of warm water.

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## 5. Fire Fighting Measures

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Flammable Properties:

**Flash Point** ..... over 200°F

**Flash Point Method** ..... PMCC ASTM D-93

Extinguishing Media:

Carbon dioxide, foam, dry chemical, water spray.

Unusual Fire and Explosion Hazards:

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and or irritating. Combustion products may include and are not limited to phenolic compounds, carbon monoxide, carbon dioxide. Decomposition and combustion products may be toxic.

Special Firefighting Precautions/Instructions:

Use self-contained breathing apparatus. Keep people away. Isolate fire area and deny unnecessary entry. Do not use direct water stream. May spread fire. Burning liquids may be extinguished by dilution of water. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of re-ignition has passed. Move container from fire area if this is possible without hazard. Fight fire from protected location or safe distance. Consider use of unmanned hose holder or monitor nozzles. Withdraw personnel from area incase of rising sound from venting safety device or discoloration of the container.

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## 6. Accidental Release Measures

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**ALWAYS WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT!**

In Case of Spill or Other Release:

Evacuate area. Eliminate all ignition sources. Stop spill at the source. Prevent from entering drains.

Evacuate area. Eliminate all ignition sources. Stop spill at the source. Prevent from entering drains, sewers, streams or other bodies of water. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product and transfer contaminated absorbent into containers for disposal. T

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## 7. Handling, Storage, and Disposal

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Dispose of in accordance with all local, state, and federal regulations. Store in a cool dry place between 40F to 100F. Keep out of reach of children. Keep from freezing. Keep containers closed to prevent absorption and contamination.

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## 8. Control Measures and Personal Protection

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### Ventilation:

Provide sufficient mechanical ventilation to maintain exposure below TLV.

### Skin Protection:

Wear chemical resistant gloves, coveralls and shoe coverings. Wash thoroughly after handling and before eating, smoking or using toilet. Wash contaminated clothing before use.

### Eye Protection:

Wear solvent resistant glasses with splash guard or face shield.

### Respiratory Protection:

Control environmental concentrations below applicable exposure standards when using this material. When respiratory protection is determined to be necessary, use a NIOSH/MSHA approved elastomeric sealing-surface face piece respirator outfitted with organic vapor cartridges and paint spray (dust/mist) prefilters. Determine the proper level of protection by conducting appropriate air monitoring.

### Additional Recommendations:

Wear protective equipment at all times. Use caution at all times. Contains a chemical that is moderately toxic by ingestion. Use eye wash and safety shower if present. Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with eyes, skin and breathing of vapors. Wash hands thoroughly after handling especially before eating or smoking. Avoid conditions which result in formation of inhalable particles such as spraying or abrading, sanding painted surfaces.

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## 9. Physical and Chemical Properties

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Appearance . . . . . White, opaque viscous liquid

Odor . . . . . Sweet, ether

Specific Gravity . . . . . 1.4  
Solubility . . . . . in water, miscible @ 11.0wt.%  
Boiling Point . . . . . 225°F  
Vapor Density. . . . . NE  
Evaporation Rate. . . . . NE  
Flash Point. . . . . over 200°F  
Flash Point Method. . . . . PMCC ASTM D-93

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### 10. Stability and Reactivity

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Stability. . . . . stable  
Conditions to Avoid . . . . . Temperatures above 350C(622F).  
Incompatibilities . . . . . Strong oxidizing agents, acids, bases, amines.

Hazardous Decomposition Products. . . . . Carbon Monoxide, Carbon Dioxide, aldehydes, nitrogen oxides.

Hazardous Polymerization. . . . . Will not occur.

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### 11. Transportation Information

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DOT/UPS/ IATA:

Proper Ship Name. . . . . Not Regulated  
DOT ID#. . . . . DOT Haz. Class . . . . .  
Packing Group. . . . .  
Label Required. . . . .

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### 12. Disclaimer

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We believe the recommendations and technical information contained herein to be accurate. However, they are given without warranty or guarantee, expressed or implied, and we assume no responsibility for losses or damages, direct or indirect, as a result of their use.

Manufacturer:

The logo for E Paint Company, featuring the word "epaint" in a stylized, lowercase, italicized font with a registered trademark symbol.

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## 1. Identification

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Product Name: SUNWAVE (PART B)

EPA Registration #: \_\_\_\_\_

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## 2. Hazardous Components

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<u>Ingredient Name:</u>	<u>CAS #</u>	<u>Weight %</u>	<u>Occupational Exposure</u>		<u>Vap. Press</u>
			<u>TLV</u>	<u>PEL</u>	<u>mm Hg</u>
Proprietary Amine Resin Blend		10-50%			

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## 3. Hazard Identification

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## Primary Routes of Entry:

**Inhalation, ingestion, eye and skin absorption**

## Potential Health Hazards:

### Skin, Inhalation and Eyes Acute:

Will cause severe eye and skin irritation. Can cause irreversible damage to biological tissue. May cause skin and respiratory sensitization.

### Skin, Inhalation and Eyes Chronic:

Danger! Corrosive. Will cause severe eye and skin irritation. Can cause irreversible damage to biological tissue. May cause skin and respiratory sensitization.

### Skin Absorption Acute:

Will cause severe eye and skin irritation. Can cause irreversible damage to biological tissue. May cause skin and respiratory sensitization.

### Skin Absorption Chronic:

Danger! Corrosive. Will cause severe eye and skin irritation. Can cause irreversible damage to biological tissue. May cause skin and respiratory sensitization.

### Inhalation Acute:

Will cause severe eye and skin irritation. Can cause irreversible damage to biological tissue. May cause skin and respiratory sensitization.

### Inhalation Chronic:

Danger! Corrosive. Will cause severe eye and skin irritation. Can cause irreversible damage to biological tissue. May cause skin and respiratory sensitization.

### Ingestion Acute:

Will cause severe eye and skin irritation. Can cause irreversible damage to biological tissue. May cause skin and respiratory sensitization.

### Ingestion Chronic:

Danger! Corrosive. Will cause severe eye and skin irritation. Can cause irreversible damage to biological tissue. May cause skin and respiratory sensitization.

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## **4. First Aid Measures**

Skin:

If skin comes in contact, wash affected area with plenty of water, and soap if available for several minutes. Get medical attention if irritation occurs. Contaminated clothing should be disposed of.

Eyes:

Immediately flush eyes with plenty of water. Remove contacts if present after the first five minutes then continue flushing for at least 15 minutes. Obtain medical attention without delay.

Inhalation:

Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion:

If swallowed, give at least 3-4 glasses of water but do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. See medical attention.

Medical Conditions Generally Aggravated by Exposure:

Allergy, eczema or skin conditions.

General Note:

Overexposure to this material can lead to irreversible damage to biological tissue. It can cause allergic respiratory reactions and allergic skin reactions. If burn is present, treat as any normal burn after decontamination. Consider additional skin washing with mild non-abrasive soap and plenty of warm water.

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## 5. Fire Fighting Measures

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Flammable Properties:

**Flash Point** . . . . . 320F

**Flash Point Method** . . . . . PMCC ASTM D-93

Extinguishing Media:

Carbon dioxide, foam, dry chemical, water spray.

Unusual Fire and Explosion Hazards:

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and or irritating. Combustion products may include and are not limited to phenolic compounds, carbon monoxide, carbon dioxide. Decomposition and combustion products may be toxic.

Special Firefighting Precautions/Instructions:

Use self-contained breathing apparatus. Keep people away. Isolate fire area and deny unnecessary entry. Do not use direct water stream. May spread fire. Burning liquids may be extinguished by dilution of water. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of re-ignition has passed. Move container from fire area if this is possible without hazard. Fight fire from protected location or safe distance. Consider use of unmanned hose holder or monitor nozzles. Withdraw personnel from area incase of rising sound from venting safety device or discoloration of the container.

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## 6. Accidental Release Measures

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**ALWAYS WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT!**

In Case of Spill or Other Release:

Evacuate area. Eliminate all ignition sources. Stop spill at the source. Prevent from entering drains.



Evacuate area. Eliminate all ignition sources. Stop spill at the source. Prevent from entering drains, sewers, streams or other bodies of water. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product and transfer contaminated absorbent into containers for disposal.

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## 7. Handling, Storage, and Disposal

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Dispose of in accordance with all local, state, and federal regulations. Store in a cool dry place that is well ventilated. Store below 80F. Avoid prolonged storage temperatures above 80F. Do not take internally. Avoid contact with eyes, skin and breathing of vapors. Keep containers closed and upright when not in use.

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## 8. Control Measures and Personal Protection

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### Ventilation:

Provide sufficient mechanical ventilation to maintain exposure below TLV.

### Skin Protection:

Wear chemical resistant gloves, coveralls and shoe coverings. Wash thoroughly after handling and before eating, smoking or using toilet. Wash contaminated clothing before use.

### Eye Protection:

Wear solvent resistant glasses with splash guard or face shield.

### Respiratory Protection:

Control environmental concentrations below applicable exposure standards when using this material. When respiratory protection is determined to be necessary, use a NIOSH/MSHA approved elastomeric sealing-surface face piece respirator outfitted with organic vapor cartridges and paint spray (dust/mist) prefilters. Determine the proper level of protection by conducting appropriate air monitoring.

### Additional Recommendations:

Wear protective equipment at all times. Keep out of reach of children. Use caution at all times. Contains a chemical that is moderately toxic by ingestion. Contains a chemical that is toxic by dermal absorption. Use eye wash and safety shower if present. Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with eyes, skin and breathing of vapors. Wash hands thoroughly after handling especially before eating or smoking. Avoid conditions which result in formation of inhalable particles such as spraying or abrading, sanding painted surfaces.

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## 9. Physical and Chemical Properties

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Appearance . . . . . Pigmented Liquid

Odor . . . . . Light Amine Odor

Specific Gravity . . . . . 1.68  
Solubility . . . . . in water, miscible @ 11.0wt.%  
Boiling Point . . . . . Greater than 225C @ 760 mmHg  
Vapor Density. . . . . NA  
Evaporation Rate. . . . . NE  
Flash Point. . . . . 320F  
Flash Point Method. . . . . PMCC ASTM D-93

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### 10. Stability and Reactivity

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Stability. . . . . Stable  
Conditions to Avoid . . . . . Temperatures above 350C(622F).  
Incompatibilities . . . . . Strong oxidizers, acids, bases, amines.

Hazardous Decomposition Products. . . . . Carbon Monoxide, Carbon Dioxide, aldehydes, nitrogen oxides.

Hazardous Polymerization. . . . . Will not occur under normal conditions.

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### 11. Transportation Information

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DOT/UPS/ IATA:

Proper Ship Name. . . . . Amines, liquid, corrosive, n.o.s.  
DOT ID#. . . . . UN2735                      DOT Haz. Class . . . . . 8  
Packing Group. . . . . III  
Label Required. . . . .

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### 12. Disclaimer

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