

MATERIAL SAFETY DATA SHEET

AnchorFast #221 - Part A

HMIS

HEALTH	2
FLAMMABILITY	1
REACTIVITY	1
PERSONAL PROTECTION	C

1. Product And Company Identification

<p>Supplier Superior Industries, Inc. 6180 Airways Blvd. Chattanooga, TN 37421</p> <p>Company Contact: EHS Department Telephone Number: 423-899-0467 FAX Number: 423-899-0421 Web Site: www.superior-industries.com</p>	<p>Manufacturer Superior Industries, Inc. P.O.BOX 8 Chattanooga, TN 37401</p> <p>Telephone Number: (423) 899 -0467</p>
<p>Supplier Emergency Contacts & Phone Number <u>800-476-2072</u> INTERNATIONAL: 423-899-0467</p>	<p>Manufacturer Emergency Contacts & Phone Number <u>(423) 899-0467</u></p>

Issue Date: 03/22/2009

Product Name: AnchorFast #221 - Part A
CAS Number: Not Established
Chemical Family: Epoxy-acrylate resin in acrylic monomer
MSDS Number: 4164
Product Code: C371120

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
EPOXY RESIN	Trade Secret	
SILICA, QUARTZ	14808-60-7	
TRIETHYLENE GLYCOL DIMETHACRYLATE	109-16-0	

Note: Exposure to Silica, Quartz is applicable only if cured with Part "B" and sanded.

3. Hazards Identification

Eye Hazards

Causes eye irritation.

Skin Hazards

May cause skin irritation.

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3. Hazards Identification - Continued

Ingestion Hazards

May be harmful if swallowed.

Inhalation Hazards

May cause respiratory tract irritation.

4. First Aid Measures

Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of tepid water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.

Skin

In case of contact, immediately flush skin with soap and plenty of tepid water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

Ingestion

If swallowed, do not induce vomiting unless directed to do so by medical personnel. If victim is fully conscious, give one or two cups of water or milk to drink. Never give anything by mouth to an unconscious victim.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention immediately.

5. Fire Fighting Measures

Flash Point: 230 °F 110 °C

Fire And Explosion Hazards

None known

Extinguishing Media

In case of fire, use CO₂, alcohol or polymer foam, alcohol resistant foam.

Fire Fighting Instructions

In the event of a fire, firefighters should wear full protective clothing and NIOSH-approved self-contained breathing apparatus with a full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Avoid release to the environment. Use appropriate Personal Protective Equipment (PPE). Contain spill and collect with absorbent material and transfer into suitable containers. Do not flush to sewer or allow to enter waterways. Ventilate enclosed area.

7. Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Store in a cool, dry, well ventilated area. Keep containers tightly closed.

Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

8. Exposure Controls/Personal Protection

Engineering Controls

Use with adequate general and local exhaust ventilation. Refer to the current edition of "Industrial Ventilation: A Manual of Recommended Practice" published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

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8. Exposure Controls/Personal Protection - Continued

Eye/Face Protection

Safety glasses with side shields or goggles.

Skin Protection

Chemical-resistant gloves. Lab coat or other work clothing to prevent skin exposure (Long sleeve shirt and long pants). Launder before reuse.

Respiratory Protection

In case of inadequate ventilation, use NIOSH-approved respirator. A respirator protection program that meets 29 CFR 1910.134 requirement must be followed whenever workplace conditions warrant a respirator's use.

Other/General Protection

Wash thoroughly after handling.

Ingredient(s) - Exposure Limits

SILICA, QUARTZ

ACGIH TLV-TWA 0.05 mg/m³ (Notice of Intended Change)

ACGIH TLV-TWA 0.025 mg/m³ (Proposed)

OSHA PEL-TWA 30/%SiO₂+2 mg/m³

OSHA PEL-TWA 10/%SiO₂+2 mg/m³

OSHA PEL-TWA 250/%SiO+5 mppcf

9. Physical And Chemical Properties

Appearance

Green paste

Odor

Slightly sweet

Chemical Type: Mixture

Physical State: Solid

Melting Point: N/AV °F

Boiling Point: N/AV °F

Specific Gravity: 1.6

Packing Density: 13.5 lbs/gallon

Solubility: Insoluble

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability)

Heat, sources of ignition.

Incompatible Materials

Strong oxidizing materials, acids and bases.

Hazardous Decomposition Products

CO, CO₂, Aldehydes and other organics

Conditions To Avoid (Polymerization)

Heat, sources of ignition

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11. Toxicological Information

Ingredient(s) - Carcinogenicity

SILICA, QUARTZ

NTP - Listed On The National Toxicology Program

Listed In The IARC Monographs

12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations. Waste generators must determine whether a discarded material is classified as a hazardous waste. USEPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. Transport Information

Proper Shipping Name

Not regulated by the USDOT.

15. Regulatory Information

U.S. Regulatory Information

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Hazard Classes

Acute Health Hazard

Ingredient(s) - State Regulations

SILICA, QUARTZ

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

California - Proposition 65

Massachusetts - Hazardous Substance

16. Other Information

HMIS Rating

Health: 2

Fire: 1

Reactivity: 1

PPE: C

Revision/Preparer Information

MSDS Preparer: EHS Department

MSDS Preparer Phone Number: 423-899-0467

This MSDS Supersedes A Previous MSDS Dated: 08/03/2008

Disclaimer

The information contained in this Material Safety Data Sheet applies only to the actual Superior product identified and described herein. This information is not intended to address, nor does it address the use or application of the identified Superior product in combination with any other material, product or process. All of the information set forth herein is based on technical data regarding the identified product that Superior believes to

be

MATERIAL SAFETY DATA SHEET

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Disclaimer - Continued

reliable as of the date hereof. Prior to each use of any Superior product, the user must always read and follow the warnings and instructions on the product's current Technical Data Sheet, product label and Material Safety Data Sheet for each Superior product, which are available at web site and/or telephone number listed in Section 1 of this MSDS.

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MATERIAL SAFETY DATA SHEET

AnchorFast #221 - Part B

HMIS

HEALTH	*2
FLAMMABILITY	1
REACTIVITY	1
PERSONAL PROTECTION	C

1. Product And Company Identification

<p>Supplier Superior Industries, Inc. 6180 Airways Blvd. LChattanooga, TN 37421</p> <p>Company Contact: EHS Department Telephone Number: 423-899-0467 FAX Number: 423-899-0421 Web Site: www.superior-industries.com</p>	<p>Manufacturer Superior Industries, Inc. P.O.BOX 8 Chattanooga, TN 37401</p> <p>Telephone Number: (423) 899-0467</p>
<p>Supplier Emergency Contacts & Phone Number <u>800-476-2072</u></p> <p>INTERNATIONAL: 423-899-0467</p>	<p>Manufacturer Emergency Contacts & Phone Number <u>(423) 899-0467</u></p>

Issue Date: 03/22/2009

Product Name: AnchorFast #221 - Part B
CAS Number: Not Established
Chemical Family: Peroxide Initiator
MSDS Number: 4166
Product Code: C371120

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
BENZOYL PEROXIDE	94-36-0	10 - 15
GLYCERINE	56-81-5	

3. Hazards Identification

Eye Hazards

Causes eye irritation.

Skin Hazards

May cause skin irritation. Prolonged and/or repeated skin contact may cause an allergic reaction/sensitization.

Ingestion Hazards

Harmful if swallowed.

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AnchorFast #221- Part B

3. Hazards Identification - Continued

Inhalation Hazards

May cause nose, throat, and lung irritation.

4. First Aid Measures

Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of tepid water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.

Skin

In case of contact, immediately flush skin with soap and plenty of tepid water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

Ingestion

If swallowed, do not induce vomiting unless directed to do so by medical personnel.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration, seek medical attention.

5. Fire Fighting Measures

Flash Point: N/A °F

Fire And Explosion Hazards

During a fire, irritating and/or toxic gases and aerosols from the decomposition/combustion products may be present.

Extinguishing Media

In case of fire, use CO₂, alcohol or polymer foam, alcohol resistant foam.

Fire Fighting Instructions

In the event of a fire, firefighters should wear full protective clothing and NIOSH-approved self-contained breathing apparatus with a full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Avoid release to the environment. Use appropriate Personal Protective Equipment (PPE). Contain spill and collect with absorbent material and transfer into suitable containers. Do not flush to sewer or allow to enter waterways. Ventilate enclosed area.

7. Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Store in a cool, dry, well ventilated area. Keep containers tightly closed.

Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

8. Exposure Controls/Personal Protection

Engineering Controls

Use of a system of local and/or general exhaust is recommended to keep employee below applicable exposure limits. Refer to the current edition of "Industrial Ventilation: A Manual of Recommended Practice" published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

Eye/Face Protection

Safety glasses with side shields or goggles.

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8. Exposure Controls/Personal Protection - Continued

Skin Protection

Chemical-resistant gloves. Lab coat or other work clothing to prevent skin exposure (Long sleeve shirt and long pants). Launder before reuse.

Respiratory Protection

A respirator protection program that meets 29 CFR 1910.134 requirement must be followed whenever workplace conditions warrant a respirator's use. In areas where the Permissible Exposure Limits are exceeded, use a properly fitted NIOSH-approved respirator.

Ingredient(s) - Exposure Limits

BENZOYL PEROXIDE

ACGIH TLV-TWA 5 mg/m³

OSHA PEL-TWA 5 mg/m³

GLYCERINE

ACGIH TLV-TWA 10 mg/m³ Total Dust

OSHA PEL-TWA 15 mg/m³ Total Dust

OSHA PEL-TWA 5 mg/m³ Respirable Fraction

9. Physical And Chemical Properties

Appearance

Black Paste

Odor

None

Chemical Type: Mixture

Physical State: Solid

Melting Point: N/AV °F

Boiling Point: N/AV °F

Specific Gravity: 1.5

Packing Density: N/AV

Solubility: Insoluble

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability)

Heat, sources of ignition.

Incompatible Materials

Strong reducing agents

Hazardous Decomposition Products

Carbon Dioxide, Carbon Monoxide, and Oxides of Nitrogen

11. Toxicological Information

Conditions Aggravated By Exposure

Eye disease, skin disorders and allergies, chronic respiratory conditions.

Ingredient(s) - Carcinogenicity

BENZOYL PEROXIDE

Listed In The IARC Monographs

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12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations. Waste generators must determine whether a discarded material is classified as a hazardous waste. USEPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. Transport Information

Proper Shipping Name

Not Regulated by the USDOT

15. Regulatory Information

U.S. Regulatory Information

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Hazard Classes

Acute Health Hazard
Chronic Health Hazard

SARA Title III - Section 313 Supplier Notification

This product contains the following toxic chemicals that are subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372.

BENZOYL PEROXIDE (94-36-0) 10 - 15 %

This information must be included on all MSDSs that are copied and distributed for this material.

Ingredient(s) - U.S. Regulatory Information

BENZOYL PEROXIDE

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical
OSHA Process Safety Management - 1910.119 App A Hazardous Chemical
SARA - Acute Health Hazard
SARA - Chronic Health Hazard
SARA - Fire Hazard
SARA - Reactivity Hazard
SARA - Sudden Release Of Pressure Hazard

Ingredient(s) - State Regulations

BENZOYL PEROXIDE

New Jersey - Workplace Hazard
New Jersey - Environmental Hazard
New Jersey - Special Hazard
Pennsylvania - Workplace Hazard
Massachusetts - Hazardous Substance
New York City - Hazardous Substance

GLYCERINE

Pennsylvania - Workplace Hazard

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16. Other Information

HMIS Rating

Health: *2

Fire: 1

Reactivity: 1

PPE: C

Revision/Preparer Information

MSDS Preparer: EHS Department

MSDS Preparer Phone Number: 423-899-0467

This MSDS Supercedes A Previous MSDS Dated: 07/29/2008

Disclaimer

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