

Superior Industries, Inc.

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: 038.0033091
Product Name: Fil-Eze PART A
Product Use: Paint product.
Date Published: 2012/11/09
Revision Date: 2012/11/09

Company Identification

Superior Industries, Inc.
6180 Airways Blvd.
Chattanooga, TN 37421
Manufacturer's Phone: 1-800-476-2072

24-Hour Medical Emergency Phone: 1-800-476-2072

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS #	Approx Wt%	Chemical name
Trade Secret : PROPRIETARY RESIN	35 - 40	PROPRIETARY RESIN
Trade Secret : PROPRIETARY INGREDIENT	30 - 35	PROPRIETARY INGREDIENT
Trade Secret : PROPRIETARY RESIN	5 - 10	PROPRIETARY RESIN
Trade Secret : PROPRIETARY INGREDIENT	1 - 5	PROPRIETARY INGREDIENT
Trade Secret : PROPRIETARY PIGMENT	1 - 5	PROPRIETARY PIGMENT

If this section is blank there are no hazardous components per OSHA guidelines.

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Emergency Overview:

This section not in use.

This product contains ingredients that may contribute to the following potential acute health effects:

Inhalation Effects:

Isocyanates vapors and mists at concentrations greater than the TLV can irritate the respiratory system causing runny nose, sore throat, coughing and shortness of breath. Persons with pre-existing, non-specific bronchial hyperactivity can respond to concentrations below the TLV with symptoms as well as an asthma attack.

Eye Contact:

May cause moderate eye irritation.

Skin Contact:

Contains a component which is a known or suspected skin sensitizer.

Acute Ingestion:

May be fatal if swallowed.

Other Effects:

None known

This product contains ingredients that may contribute to the following potential chronic health effects:

Chronic overexposure to isocyanates may cause lung damage which may be permanent.

See Section 11 for toxicological information about Mutagens, Teratogens and Carcinogens.

If this section is blank, no information is available.

4. FIRST AID MEASURES

Inhalation:

If affected by inhalation, move victim to fresh air. If symptoms persist, seek medical attention. If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

Eye Contact:

In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Skin Contact:

Remove contaminated shoes and discard. Remove contaminated clothing and launder before reuse. In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. If irritation persists get medical attention.

Ingestion:

If swallowed, get medical attention immediately.

Medical conditions aggravated by exposure: Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	201° F (94° C) TCC/PM
Lower explosive limit:	Not available. %
Upper explosive limit:	Not available. %
Autoignition temperature:	Not available.° F (° C)

Sensitivity to impact: No.
Sensitivity to static discharge: Sensitivity to static discharge is not expected.
Hazardous combustion products: See Section 10.

Unusual fire and explosion hazards:

Closed containers may explode due to build up of pressure when exposed to heat.

Extinguishing media:

In case of fire, use water spray (fog), alcohol foam, dry chemical, or carbon dioxide. Water spray may be used to cool containers and keep exposed material from being damaged by fire.

Fire fighting procedures:

Use water spray to cool nearby containers and structures exposed to fire. Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:

Ventilate area. Avoid breathing of vapors. Use self-containing breathing apparatus or airmask for large spills in a confined area. Remove sources of ignition. Remove with inert absorbent and non sparking tools. Avoid contact with eyes.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Keep away from heat, sparks, and flames. Keep container closed when not in use. Do not store above 120 degrees F. (49 degrees C). Based on flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106, Ontario OH&S regulation 851 section 22.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:

Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye.

Skin protection:

Gloves: Neoprene or other nonporous. Neoprene or plastic apron and protective clothing covering exposed skin areas.

Respiratory protection:

If the product is sprayed, respiratory equipment should be used. If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

Ventilation

Required when spraying or applying in confined area.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Common Name CAS #	Approx Wt%	TWA (final)	Ceilings limits (final)	Skin designations
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Trade Secret : PROPRIETARY PIGMENT	1 - 5	15 mg/m3 TWA (total dust)		
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ACGIH Threshold Limit Value (TLV's)

Common Name CAS #	Approx Wt%	TWA	STEL	Ceiling limits	Skin designations
Trade Secret : PROPRIETARY PIGMENT	1 - 5	10 mg/m3 TWA			

If this section is blank, no information is available.

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Liquid
pH:	Not determined.
Vapor pressure:	17 mmHG @ 70° F (21° C)
Vapor density (air = 1.0):	Not determined.
Boiling point:	212° F (100° C)
Solubility in water:	Insoluble.
Coefficient of water/oil distribution:	Not determined.
Density (weight per gallon):	9.48
Specific gravity (water = 1):	1.13
Evaporation rate (butyl acetate = 1.0):	Not determined.

10. STABILITY AND REACTIVITY

Stability:	This product is stable.
Conditions to Avoid:	None known.
Incompatibility:	Strong oxidizers.
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.

Sensitivity to static discharge: Sensitivity to static discharge is not expected.

11. TOXICOLOGICAL INFORMATION

If this section is blank, no information is available.

12. ECOLOGICAL DATA

Not available at this time.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation

Proper Shipping Name: PAINT NOT REGULATED

49 CFR Hazardous Material Regulations Parts 100-180

The supplier will apply the combustible liquid exception in 49 CFR 173.150(f), limited quantity or "does not sustain combustion" exceptions and consumer commodity rules, when authorized. Please check 49 CFR Parts 100-180 to determine if the use of these exceptions applies to your shipments when re-shipping our products.

International Air Transport Association:

Proper Shipping Name: PAINT NOT REGULATED

International Maritime Organization:

Proper Shipping Name: PAINT NOT REGULATED

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

SARA 311/312 Hazard Class:

Acute: Yes
Chronic: Yes
Flammability: No
Reactivity: No
Sudden Pressure: No

U.S. STATE REGULATIONS:

Pennsylvania Right To Know:

PROPRIETARY INGREDIENT	Trade Secret
PROPRIETARY INGREDIENT	Trade Secret
PROPRIETARY PIGMENT	Trade Secret
PROPRIETARY RESIN	Trade Secret
PROPRIETARY RESIN	Trade Secret

Additional Non-Hazardous Materials

TALC	14807-96-6
PROPRIETARY INGREDIENT	Trade Secret

Rule 66 status of product Not photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories

TSCA Inventory: All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List: Not all components in this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health:	2
Flammability:	1
Reactivity:	1
PPE:	X - See Section 8 for Personal Protective Equipment (PPE).

Abbreviations:

OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

Superior Industries, Inc.

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: 038.0033092
Product Name: Fil-EzePART B
Product Use: Paint product.
Date Published: 2012/11/09
Revision Date: 2012/11/09

Company Identification

Superior Industries, Inc.
6180 Airways Blvd
Chattanooga, TN 37421
Manufacturer's Phone: 1-800-476-2072

24-Hour Medical Emergency Phone: 1-888-476-2072

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS #	Approx Wt%	Chemical name
Trade Secret : PROPRIETARY INGREDIENT	15 - 20	PROPRIETARY INGREDIENT
Trade Secret : PROPRIETARY ADDITIVE	10 - 15	PROPRIETARY ADDITIVE
DIBUTYL PHTHALATE 84-74-2	5 - 10	Dibutyl phthalate
CARBON BLACK 1333-86-4	.1 - 1	CARBON BLACK
CRYSTALLINE SILICA 14808-60-7	.1 - 1	QUARTZ (SiO ₂)

If this section is blank there are no hazardous components per OSHA guidelines.

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Emergency Overview:

This section not in use.

This product contains ingredients that may contribute to the following potential acute health effects:

Inhalation Effects:

Dust can cause irritation of eyes, nose and respiratory tract. May cause irritation of the respiratory tract.

Eye Contact:

Corneal Injury/eye damage. May cause eye burns.

Skin Contact:

May cause skin burns.

Acute Ingestion:

May cause burns of the mouth, throat and stomach.

Other Effects:

Contains ingredient which is considered toxic. Contains ingredients which are corrosive.

This product contains ingredients that may contribute to the following potential chronic health effects:

Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis). Possible cancer hazard. Contains ingredients which may cause cancer based on animal data. Risk of cancer depends on duration and level of exposure.

See Section 11 for toxicological information about Mutagens, Teratogens and Carcinogens.

If this section is blank, no information is available.

4. FIRST AID MEASURES

Inhalation:

If affected by inhalation, move victim to fresh air. If symptoms persist, seek medical attention. If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

Eye Contact:

In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Skin Contact:

Remove contaminated shoes and discard. In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. If irritation persists get medical attention. Remove contaminated clothing and launder before reuse.

Ingestion:

If swallowed, do not induce vomiting. Give large quantities of water. If available, give several glasses of milk. Never give anything by mouth to an unconscious person. Get medical attention immediately. If swallowed, get medical attention immediately.

Medical conditions aggravated by exposure: Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	201° F (94° C) TCC/PM
Lower explosive limit:	Not available. %
Upper explosive limit:	Not available. %

Autoignition temperature: Not available.° F (° C)
Sensitivity to impact: No.
Sensitivity to static discharge: Sensitivity to static discharge is not expected.
Hazardous combustion products: See Section 10.

Unusual fire and explosion hazards:

Closed containers may explode due to build up of pressure when exposed to heat.

Extinguishing media:

In case of fire, use water spray (fog), alcohol foam, dry chemical, or carbon dioxide. Water spray may be used to cool containers and keep exposed material from being damaged by fire.

Fire fighting procedures:

Use water spray to cool nearby containers and structures exposed to fire. Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:

Ventilate area. Avoid breathing of vapors. Use self-containing breathing apparatus or airmask for large spills in a confined area. Remove sources of ignition. Remove with inert absorbent and non sparking tools. Avoid contact with eyes.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Keep away from heat, sparks, and flames. Keep container closed when not in use. Do not store above 120 degrees F. (49 degrees C). Based on flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106, Ontario OH&S regulation 851 section 22.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:

Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye.

Skin protection:

Appropriate chemical resistant gloves should be worn. To prevent skin contact wear protective clothing covering all exposed areas.

Respiratory protection:

If the product is sprayed, respiratory equipment should be used. If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

Ventilation

Required when spraying or applying in confined area.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Common Name CAS #	Approx Wt%	TWA (final)	Ceilings limits (final)	Skin designations
DIBUTYL PHTHALATE 84-74-2	5 - 10	5 mg/m ³ TWA		
CARBON BLACK 1333-86-4	.1 - 1	3.5 mg/m ³ TWA		
CRYSTALLINE SILICA 14808-60-7	.1 - 1	see Table Z-3		

ACGIH Threshold Limit Value (TLV's)

Common Name CAS #	Approx Wt%	TWA	STEL	Ceiling limits	Skin designations
DIBUTYL PHTHALATE 84-74-2	5 - 10	5 mg/m ³ TWA			
CARBON BLACK 1333-86-4	.1 - 1	3.5 mg/m ³ TWA			
CRYSTALLINE SILICA 14808-60-7	.1 - 1	0.05 mg/m ³ TWA (this TLV is for the respirable fraction of dust)			

If this section is blank, no information is available.

9. PHYSICAL PROPERTIES

Odor: Normal for this product type.
Physical State: Liquid
pH: Not determined.
Vapor pressure: 17 mmHG @ 68° F (20° C)
Vapor density (air = 1.0): 9.6
Boiling point: 212° F (100° C)
Solubility in water: Insoluble.
Coefficient of water/oil distribution: Not determined.
Density (weight per gallon): 12.05
Specific gravity (water = 1): 1.44
Evaporation rate (butyl acetate = 1.0): Not determined.

10. STABILITY AND REACTIVITY

Stability: This product is stable.
Conditions to Avoid: None known.
Incompatibility: Strong oxidizers.
Hazardous Polymerization: None anticipated.
Hazardous Decomposition Products: Carbon monoxide and carbon dioxide. Metal oxide fumes. Nitrogen compounds.

Sensitivity to static discharge: Sensitivity to static discharge is not expected.

11. TOXICOLOGICAL INFORMATION

Contains crystalline silica. The IARC has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (group 1). Refer to IARC monograph 68 in conjunction with the use of

these materials. Risk of cancer depends on the duration and level of exposure. In coatings products, risk is due primarily to inhalation of sanding dusts or respirable particles in spray mists. The NTP has also determined that crystalline silica is a known human carcinogen in the form of fine, breathable particles. Risk of cancer depends on duration and level of exposure in coatings products, risk is due primarily to inhalation of sanding dust or respirable particles in spray mist.

Common Name CAS #	Approx Wt%	IARC Group 1 - Human Evidence	IARC Group 2A - limited human data	IARC Group 2b - sufficient animal data
CARBON BLACK 1333-86-4	.1 - 1			Monograph 65, 1996
CRYSTALLINE SILICA 14808-60-7	.1 - 1	Monograph 68, 1997; (inhaled in the form of quartz or cristobalite from occupational sources)		

Common Name CAS #	Approx Wt%	NTP Known carcinogens	NTP Suspect carcinogens	NTP Evidence of carcinogenicity
CRYSTALLINE SILICA 14808-60-7	.1 - 1	Known Carcinogen		

Common Name CAS #	Approx Wt%	OSHA Select carcinogens	OSHA Possible select carcinogens	ACGIH Carcinogens
CARBON BLACK 1333-86-4	.1 - 1		Monograph 65, 1996 IARC - Group 2B (Possibly carcinogenic to humans)	A4 - Not Classifiable as a Human Carcinogen
CRYSTALLINE SILICA 14808-60-7	.1 - 1			A2 - Suspected Human Carcinogen

If this section is blank, no information is available.

12. ECOLOGICAL DATA

Not available at this time.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation

Proper Shipping Name: PAINT
 Hazard Class: 8
 UN ID Number: UN3066
 Packing Group: III
 Marine Pollutant Ingredient: **NONYL PHENOL**

49 CFR Hazardous Material Regulations Parts 100-180

The supplier will apply the combustible liquid exception in 49 CFR 173.150(f), limited quantity or "does not sustain combustion" exceptions and consumer commodity rules, when authorized. Please check 49 CFR Parts 100-180 to determine if the use of these exceptions applies to your shipments when re-shipping our products.

International Air Transport Association:

Product ID: 038.0033092

Proper Shipping Name: PAINT
 Hazard Class: 8
 UN ID Number: UN3066
 Packing Group: III

International Maritime Organization:

Proper Shipping Name: PAINT
 N.O.S. Technical Name 1: NONYL PHENOL
 Hazard Class: 8
 UN ID Number: UN3066
 Packing Group: III

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Common Name CAS #	Approx Wt%	SARA 302	SARA 313	CERCLA RQ IN LBS.
DIBUTYL PHTHALATE 84-74-2	5 - 10		form R reporting required for 1.0% de minimis concentration	10

SARA 311/312 Hazard Class:

Acute: Yes
 Chronic: Yes
 Flammability: No
 Reactivity: No
 Sudden Pressure: No

U.S. STATE REGULATIONS:

Pennsylvania Right To Know:

Additional Non-Hazardous Materials

DIBUTYL PHTHALATE	84-74-2
PROPRIETARY INERT	Trade Secret
TALC	14807-96-6
PROPRIETARY INGREDIENT	Trade Secret
PROPRIETARY INGREDIENT	Trade Secret
PROPRIETARY ADDITIVE	Trade Secret

California Proposition 65:

WARNING: This product contains a chemical known to the State of California to cause cancer.

Rule 66 status of product Not photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories

TSCA Inventory: All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List: Not all components in this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health:	3
Flammability:	1
Reactivity:	1
PPE:	X - See Section 8 for Personal Protective Equipment (PPE).

Abbreviations:

OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit

Product ID: 038.0033092