

View Section : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16**SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION**ALCOAT019
OUTBOUND

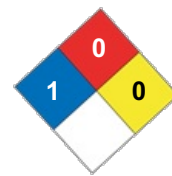
Product Name: Aluminum Oxide Coated Abrasive
Manufacturer MSDS.: ALCOAT019 OUTBOUND
Manufacturer Name: Saint-Gobain Abrasives, Inc.
Address: 1 New Bond St
 Worcester, MA. 01615

Business Phone: (800) 543-4335
Revision Date: 09/06/2007
Trade Names: SG Resin CAP Codes: R9XX

MSDS PRINT FORMAT:
NUSA

MANUFACTURER: (4)

Product Codes: CAP Codes: R9XX

NFPA
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**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS**ALCOAT019
OUTBOUND

Ingredient Name	CAS#	Ingredient Percent
Aluminum Oxide, Non-fibrous EC Index Number: 1	1344-28-1	15.000-25.000%
Calcium Carbonate EC Index Number: 1	1317-65-3	5.000-10.000%
Cloth and Poly backing EC Index Number: 1		45.000-55.000%
Cured PhenolFormaldehyde Resin EC Index Number: 1	9003-35-4	10.000-30.000%

OTHER: Not Applicable

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**SECTION 3 : HAZARDS IDENTIFICATION**ALCOAT019
OUTBOUND**Applies to all ingredients:****Potential Health Effects:**

Eye Contact: ACUTE: Dust may irritate eyes.
Skin Contact: ACUTE: Some may experience skin irritation from dust.
Inhalation: ACUTE: Dust may be slightly irritating to eyes and respiratory tract at high concentrations.
Ingestion: ACUTE: No known adverse effects, but ingestion not recommended.
Chronic Inhalation: May affect breathing capacity.

For products containing inorganic fluorides:
Excessive exposure to inorganic fluorides have been shown to increase bone density.

Cured PhenolFormaldehyde Resin :

Chronic Inhalation: For products containing phenol/formaldehyde resin, dust generated from intended use may contain trace amounts of phenol and formaldehyde which under excessive exposure may cause skin sensitization and airway obstruction.

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**SECTION 4 : FIRST AID MEASURES**ALCOAT019
OUTBOUND

Eye Contact: Wash with large amounts of water. Obtain first aid and medical assistance, if needed.
Skin Contact: Wash affected areas with soap and water. Obtain medical assistance.
Inhalation: Remove to fresh air. If breathing has stopped, give artificial respiration.

Ingestion: Get medical attention immediately.
Call poison control center, hospital emergency room or physician immediately.

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SECTION 5 : FIRE FIGHTING MEASURES

ALCOAT019
OUTBOUND

Hazardous Combustion Byproducts: None.
Fire Fighting Instructions: Not Applicable
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Health: 1
Flammability: 0
Reactivity: 0
Other:

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SECTION 6 : ACCIDENTAL RELEASE MEASURES

ALCOAT019
OUTBOUND

Spill Cleanup Measures: Follow normal clean up procedures.

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SECTION 7 : HANDLING and STORAGE

ALCOAT019
OUTBOUND

Handling: Handle with adequate ventilation for nuisance dust.

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

ALCOAT019
OUTBOUND

Ventilation System: Recommend using local exhaust ventilation when general ventilation is not keeping the airborne concentration below the TLV.
Eye/Face Protection: Always WEAR SAFETY GLASSES or some type of eye protection while sanding.
Respiratory Protection: Respirators are required when airborne contaminant levels exceed the TLV(s).
Other Protective: Use of this product may create elevated sound levels. Hearing protection should be worn where required (see OSHA 29 CFR 1910.134 and other applicable regulations).
Exposure Limits: SUBSTANCE DESCRIPTION: Aluminum Oxide, Non-fibrous
MOL: 10.0000 MG/M3

SUBSTANCE DESCRIPTION: Calcium Carbonate
MOL: 0.0000 MG/M3

SUBSTANCE DESCRIPTION: Cloth and Poly backing
MOL: 0.0000

SUBSTANCE DESCRIPTION: Cured PhenolFormaldehyde Resin
MOL: 0.0000 PPM

Ingredient Guidelines

Ingredient: Aluminum Oxide, Non-fibrous

Guideline Type: OSHA PEL-TWA
Guideline Information: 15.0000 MG/M3
Guideline Type: ACGIH TLV-TWA
Guideline Information: 10.0000 MG/M3

Ingredient: Calcium Carbonate

Guideline Type: OSHA PEL-TWA
Guideline Information: 15.0000 MG/M3
Guideline Type: ACGIH TLV-TWA
Guideline Information: 10.0000 MG/M3

Ingredient: Cloth and Poly backing

Guideline Type: OSHA PEL-TWA
Guideline Information: 0.0000
Guideline Type: ACGIH TLV-TWA
Guideline Information: 0.0000

Ingredient: Cured PhenolFormaldehyde Resin

Guideline Type: OSHA PEL-TWA
Guideline Information: 0.0000 PPM
Guideline Type: ACGIH TLV-TWA
Guideline Information: 0.0000 PPM

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SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

ALCOAT019
OUTBOUND

Physical State/Appearance: Solid article.
Odor: Odorless.

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SECTION 10 : STABILITY and REACTIVITY

ALCOAT019
OUTBOUND

Incompatibilities with Other Materials:	Avoid acids of all types with a pH < 4.0.
Hazardous Decomposition Products:	In use, dust and decomposing odors may be generated. In most cases, the material removed from the workplace will be significantly greater than the sandpaper components. Coolants may produce other decomposition products. For products containing phenol and formaldehyde resin, thermal decomposition may produce trace amounts of phenol and formaldehyde. For products containing inorganic fluorides, thermal composition may produce trace amounts of fluorides.

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SECTION 11 : TOXICOLOGICAL INFORMATION ALCOAT019 OUTBOUND

Applies to All Ingredients :

Acute Health Effects:	LD50: Values are not appropriate or available.
Inhalation Effects:	LC50: Values are not appropriate or available.
Carcinogenicity:	Not Applicable

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SECTION 12 : ECOLOGICAL INFORMATION ALCOAT019 OUTBOUND

CHEMICAL FATE:	Not Applicable
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SECTION 13 : DISPOSAL CONSIDERATIONS ALCOAT019 OUTBOUND

Waste Disposal:	Use standard landfill methods consistent with applicable Federal, State, Provincial and local laws.
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SECTION 14 : TRANSPORT INFORMATION ALCOAT019 OUTBOUND

DOT Shipping Information:	HAZARD CLASS: This product is not hazardous as defined by the Department of Transportation.(USA) HAZARD CLASS: This product is "Not Regulated" under the Transportation of Dangerous Goods Act. (CAN)
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SECTION 15 : REGULATORY INFORMATION ALCOAT019 OUTBOUND

Applies to All Ingredients :

TSCA 8(b): Inventory Status:	All components of this product are registered under the regulations of the Toxic Substance Control Act.
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State:	CA PROP 65: Not Applicable
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Canada WHMIS:	DOMESTIC SUBSTANCE LIST: All components of this product are found on the Domestic Substance List.
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Aluminum Oxide, Non-fibrous :

EXPOSURE LIMITS:
OSHA: 15.0000 MG/M3
ACGIH: 10.0000 MG/M3
MOL: 10.0000 MG/M3

Calcium Carbonate :

EXPOSURE LIMITS:
OSHA: 15.0000 MG/M3
ACGIH: 10.0000 MG/M3
MOL: 0.0000 MG/M3

Cloth and Poly backing :

EXPOSURE LIMITS:
OSHA: 0.0000
ACGIH: 0.0000
MOL: 0.0000

Cured PhenolFormaldehyde Resin :

EXPOSURE LIMITS:
OSHA: 0.0000 PPM
ACGIH: 0.0000 PPM
MOL: 0.0000 PPM

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SECTION 16 : ADDITIONAL INFORMATION ALCOAT019

NFPA:

Health:	1
Fire Hazard:	0
Reactivity:	0
MSDS Revision Date:	09/06/2007

Disclaimer:

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, the Company makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.

KEY TO ABBREVIATIONS:

EQ = Equal
LT = Less Than
GT = Greater Than
AP = Approximately
TR = TRace
ND = No Data available

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