

Wearcoat 2330SR Part C

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Wearcoat 2330SR Part C
Common Name: Aluminim Oxide
SDS Number: I188
Revision Date: 5/6/2019
Version: 1
Product Use: Flattng and slip resistance for Wearcoat 2330 products.
Supplier Details: Coatings for Industry, Inc.
 319 township Line Rd.
 Souderton, PA 18964
Emergency: Infotrac
Contact: USA: 1-800-535-5053 / International :352-323-3500
Phone: 215-723-0919
Fax: 215-723-0911
Email: info@cficoatings.com
Web: www.cficoatings.com

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
 None, None, None

GHS Label elements, including precautionary statements

GHS Signal Word: **NONE**

GHS Hazard Pictograms:

no GHS pictograms indicated for this product

GHS Hazard Statements:

H000 - None

GHS Precautionary Statements:

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
 P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
1344-28-1	60-70%	Aluminum oxide (Al2O3)
66402-68-4	30-40%	Ceramic materials and wares, chemicals

4 FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air.
Skin Contact: Wash with soap and water.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.
 Then remove contact lenses, if easily removeable, and continue irrigation for not less than 15 minutes.
Ingestion: Do not induce vomiting. Rinse mouth with water. Drink water. Seek immediate medical attention

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5 FIRE FIGHTING MEASURES

Flash Point: None
LEL: N/A
UEL: N/A

Material will not burn. Non-combustible. Use a fire fighting agent suitable for surrounding fire.

6 ACCIDENTAL RELEASE MEASURES

Collect as much of the spilled material as possible. Use wet sweeping compound or water to avoid dusting. Sweep up. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible. Dispose in accordance with all federal, state and local regulations

7 HANDLING AND STORAGE

Handling Precautions: For industrial or professional use only. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
Storage Requirements: No special storage requirements.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

Personal Protective Equipment: Eye/face protection
 Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: Safety Glasses with side shields.

Skin/hand protection
 No chemical protective gloves are required.

Respiratory protection
 An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure: Half facepiece or full facepiece air-purifying respirator suitable for particulates. For questions about suitability for a specific application, consult with your respirator manufacturer.

Components with workplace control parameters:

Aluminum oxide (Al₂O₃) (1344-28-1)

alpha-Alumina is the main component of technical grade alumina.
 Corundum is natural Al₂O₃. Emery is an impure crystalline variety of Al₂O₃.
 See Appendix D - Substances with No Established RELs

TWA	15 mg/m ³	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
TWA	5 mg/m ³	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
TWA	10 mg/m ³	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
TWA	5 mg/m ³	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000

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TWA 1 mg/m³ USA. ACGIH Threshold Limit Values (TLV)

Lower Respiratory Tract irritation
 Pneumoconiosis
 Neurotoxicity
 Not classifiable as a human carcinogen

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White granules and powder	Odor:	None
Physical State:	Solid	Solubility:	Not Soluble
Spec Grav./Density:	3.0-3.2		

10 STABILITY AND REACTIVITY

Reactivity:	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	None Known
Materials to Avoid:	None Known
Hazardous Decomposition:	None Known
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Aluminum oxide (Al₂O₃) (1344-28-1)

Information on toxicological effects

Acute toxicity: no data available
 Inhalation: no data available
 Dermal: no data available
 Skin corrosion/irritation: no data available
 Serious eye damage/eye irritation: no data available
 Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available
 Specific target organ toxicity - single exposure: no data available
 Specific target organ toxicity - repeated exposure: no data available
 Aspiration hazard: no data available

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Additional Information:

RTECS: BD1200000

Cough, chest pain, Difficulty in breathing, Gastrointestinal disturbance
Liver - Irregularities - Based on Human Evidence

Ceramic Materials and Wares, Chemicals (66402-68-4)

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin Contact:

Mechanical Skin irritation: Signs/symptoms may include abrasion, redness, pain, and itching.

Eye Contact:

Mechanical eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion.

Ingestion:

May be harmful if swallowed.

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity:

Ingestion: No data available; calculated ATE 2,000 - 5,000 mg/kg
(ATE = acute toxicity estimate)

Dermal LD50 estimated to be > 5,000 mg/kg

Ingestion LD50 estimated to be 2,000 - 5,000 mg/kg

Skin Corrosion/Irritation: Rabbit: No significant irritation

Serious Eye Damage/Irritation: Rabbit: Mild irritant

Skin Sensitization: For the component/components, either no data are currently available or the data are not sufficient for classification.

Respiratory Sensitization: For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity: In Vitro: The data is not sufficient for classification.

Carcinogenicity: Inhalation: Multiple Animal Species: The data is not sufficient for classification.

Reproductive and/or Developmental Effects

For the component/components, either no data are currently available or the data are not sufficient for classification.

Target Organ(s):

Specific Target Organ Toxicity - single exposure:

For the component/components, either no data are currently available or the data are not sufficient for classification.

Specific Target Organ Toxicity - repeated exposure:

For the component/components, either no data are currently available or the data are not sufficient for classification.

Aspiration Hazard:

For the component/components, either no data are currently available or the data are not sufficient for classification.

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ECOLOGICAL INFORMATION

Aluminum oxide (Al₂O₃) (1344-28-1)

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Ceramic Materials and Wares, Chemicals (66402-68-4)

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

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DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations. Incineration is the preferred method.

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TRANSPORT INFORMATION

Non-hazardous for air, sea and road freight.

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15	REGULATORY INFORMATION
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Component (CAS#) [%] - CODES

 Aluminum oxide (Al₂O₃) (1344-28-1) [60-70%] MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR

Ceramic materials and wares, chemicals (66402-68-4) [30-40%] TSCA

Regulatory CODE Descriptions

 MASS = MA Massachusetts Hazardous Substances List
 NJHS = NJ Right-to-Know Hazardous Substances
 OSHAWAC = OSHA workplace Air Contaminants
 PA = PA Right-To-Know List of Hazardous Substances
 SARA313 = SARA 313 Title III Toxic Chemicals
 TSCA = Toxic Substances Control Act
 TXAIR = TX Air Contaminants with Health Effects Screening Level

16	OTHER INFORMATION
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NOTICE: This information is presented in good faith and believed to be accurate as of the effective date below. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Coatings For Industry, Inc. assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material. Regulatory requirements are subject to change and may differ from one location to another: it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The preceding specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.