

## Wearcoat 2345 Part C

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Wearcoat 2345 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 (Al<sub>2</sub>O<sub>3</sub>) (1344-28-1)

alpha-Alumina is the main component of technical grade alumina.  
 Corundum is natural Al<sub>2</sub>O<sub>3</sub>. Emery is an impure crystalline variety of Al<sub>2</sub>O<sub>3</sub>.  
 See Appendix D - Substances with No Established RELs

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

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TWA 1 mg/m<sup>3</sup> USA. ACGIH Threshold Limit Values (TLV)

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

<b>9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Appearance:</b>	White granules and powder	<b>Odor:</b>	None
<b>Physical State:</b>	Solid	<b>Solubility:</b>	Not Soluble
<b>Spec Grav./Density:</b>	3.0-3.2		

<b>10</b>	<b>STABILITY AND REACTIVITY</b>
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<b>Reactivity:</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical Stability:</b>	Product is stable under normal conditions.
<b>Conditions to Avoid:</b>	None Known
<b>Materials to Avoid:</b>	None Known
<b>Hazardous Decomposition:</b>	None Known
<b>Hazardous Polymerization:</b>	Will not occur.

<b>11</b>	<b>TOXICOLOGICAL INFORMATION</b>
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### Aluminum oxide (Al<sub>2</sub>O<sub>3</sub>) (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 (Al<sub>2</sub>O<sub>3</sub>) (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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**REGULATORY INFORMATION**

Component (CAS#) [%] - CODES

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Aluminum oxide (Al<sub>2</sub>O<sub>3</sub>) (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

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MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-Know Hazardous Substances

OSHA WAC = 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

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**OTHER INFORMATION**

**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.