



MATERIAL SAFETY DATA SHEET

according to directive 1999/45/EEG

Printing date 2012-11-22

Revised at 2012-10-31

Version 1

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER

PRODUCT NAME

EonCoat - Coating component **Part A**

MANUFACTURER'S NAME

EonCoat, LLC.
4000 Airport Drive
Wilson, NC 27896
Phone 1-252-360-3110

IMPORTER

Ceramic Coatings Europe AB
Mellbyrundan 20
S-31261 Mellbystrand
Phone +46 (0) 43010095

Telephone Numbers and Websites

Product Information	+46 (0) 43010095 www.eoncoat.se
Regulatory Information	+46 (0) 43010095 www.eoncoat.se
Emergency phone	SOS Alarm 112

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

The preparation is not classified as dangerous according to directive 1999/45/EEG

Classification Not classified

Environmentally properties The product is assessed as non harmful

Labeling according to Regulation (EC) No. 1272/2008 (CLP)

No Labeling

SECTION 3 – HAZARDS IDENTIFICATION

Chemical name	CAS Nos. EINECS-nr	Weight %	Symbol	R-Phrase	
Phosphoric acid	7664-38-2 231-633-2	3 - 5	C	R34	[1] [2]

Knowledge of the supplier, there are no ingredients or additional ingredients present which, in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with exposure limits, see Section 8

SECTION 4 – FIRST AID MEASURES

EYES:	Flush eyes with large amounts of water for 15 minutes. Get medical attention.
SKIN:	Wash affected area thoroughly with soap and water.
INHALATION:	If affected, remove from exposure.
INGESTION:	Do not induce vomiting. Get medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

This material is neither flammable nor fuel for flame. Use media such as Carbon Dioxide, Dry Chemicals for primary fire

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be used.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE OF MATERIAL IS SPILLED OR RELEASED

Sweep or vacuum up and place in an appropriate container. Clean up residual material by washing area with water and detergent.

Swiped solid material should be neutralized before final disposal. Soda ash or sodium bicarbonate may be used to neutralize. When discarded or spilled, this product is neither a hazardous waste or toxic pollutant as defined in current federal regulations.

Disposal information: Dispose of in a landfill in accordance with local, state, and federal regulations.

SECTION 7 – HANDLING AND STORAGE

STORAGE CATEGORY

Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits AFS 2005:17 (Sweden, 6/2007)

Phosphoric acid	AFS 2005:17 (Sweden, 6/2007).
	TWA: 3 mg / m³ 15 minute. Shape: mist
	TWA: 1 mg / m³ 8 hour. Shape: mist

PRECAUTIONS TO BE TAKEN IN USE

Use with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing spray mist. Wash hand after using.

This coating may contain materials classified as nuisance particulates, which may be only present during sanding or abrading of dried film/coating.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure can not be controlled below applicable limits by ventilation, wear a properly fitted respirator approved by NIOSH/MSHA for protection. When sanding or abrading the dried

film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Required for long or repeated contact. Any type of chemical resistance gloves can be used.

EYE PROTECTION

Wear safety spectacles with imperforated sideshields.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor	Viscous suspension/ No odor	
Product Weight	~1700 g/ l	
Specific Gravity	~1.7	
Boiling Point	Not available	
Melting Point	Not available	
Evaporation Rate	Slower than ether	
Vapor Density	N/A	
Solubility in Water	N/A	
pH (3% solution)	3 - 5	
Volatile Organic Compounds (VOCs)	0 g/ l	Less water
	0 g/l	Emitted VOC

SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable
Conditions to Avoid	None known
Incompatibility	None known
Decomposition product	By fire: Oxides of phosphate and potassium

SECTION 11 – TOXICOLOGICAL INFORMATION

This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be “probable” or “suspected” human carcinogens.

Ingestion of large quantities of this material may cause an osmotic catharsis resulting in diarrhea and probable abdominal cramps.

Phosphoric acid	AFS 2005:17 (Sweden, 6/2007).
	TWA: 3 mg / m ³ 15 minute. Shape: mist
	TWA: 1 mg / m ³ 8 hour. Shape: mist

Acute Toxicity: Phosphoric acid	
LD 50 oral, rat	1,25 g/kg
LD 50 oral, rat	1530 mg/kg
LD 50 Dermal, rabbit	2740 mg/kg

SECTION 12 – ECOLOGICAL INFORMATION

No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Methods

Waste from this product is not hazardous.
For additional information refer section 6.

SECTION 14 – TRANSPORTATION INFORMATION

Not regulated for transport

SECTION 15 – REGULATORY INFORMATION

EU regulations

Classification and labeling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the use of the product.

Risk phrases	This product is not classified according to EU legislation
Safety phrases	Not applicable
Use	Industrial applications
Fire Hazard	No particular fire or explosion hazard.

SECTION 16 – OTHER INFORMATION

Hazard

Risk Phrases - R34 - Causes burns.

Full text of classifications referred to in sections 2 and 3 - Sweden

C - Corrosive

This data sheet is designed as the SDS is designed according to REACH, EC 1907/2006

Developed on 2012-10-31 Replaces version - Changes -

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers/other commercially available additives to the product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

From section 1

In accordance with Regulation (EC) No 1907/2006 (REACH), Annex II - Sweden

Emergency telephone number: SOS Alarm 112