



699-205 TOPCOAT PEARL

Version 3.0

Revision Date 11/29/2015

Ref. 130000132687

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : 699-205 TOPCOAT PEARL
Product Use : Non-stick finish for professional use

Restrictions on use : Do not use product for anything outside of the above specified uses
Manufacturer/Supplier : The Chemours Company FC, LLC
1007 Market Street
Wilmington, DE 19899
United States of America

Product Information : 1-844-773-CHEM (outside the U.S. 1-302-773-1000)
Medical Emergency : 1-866-595-1473 (outside the U.S. 1-302-773-2000)
Transport Emergency : CHEMTREC: +1-800-424-9300 (outside the U.S. +1-703-527-3887)

SECTION 2. HAZARDS IDENTIFICATION

Product hazard category
Specific target organ toxicity - repeated exposure Category 2



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Label content

Pictogram :



Signal word : Warning

Hazardous warnings : May cause damage to organs through prolonged or repeated exposure. (Lungs)

Hazardous prevention measures : Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
Get medical advice/ attention if you feel unwell.
Dispose of contents/ container to an approved waste disposal plant.

Other hazards

The thermal decomposition vapours of fluorinated plastics may cause polymer fume fever with flu-like symptoms in humans, especially when smoking contaminated tobacco.

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 9.234 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Mica	12001-26-2	1 - 5 %

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The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

General advice	: When symptoms persist or in all cases of doubt seek medical advice. Never give anything by mouth to an unconscious person.
Inhalation	: Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
Skin contact	: Do NOT use solvents or thinners. Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. If skin irritation persists, call a physician.
Eye contact	: Remove contact lenses. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Seek medical advice.
Ingestion	: If swallowed, seek medical advice immediately and show this container or label.
Most important symptoms/effects, acute and delayed	: No applicable data available.
Protection of first-aiders	: No applicable data available.
Notes to physician	: No applicable data available.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: The product itself does not burn., Water spray, Dry chemical, Foam
Unsuitable extinguishing media	: No applicable data available.



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- Specific hazards : Fire will produce dense black smoke containing hazardous combustion products (see section 10). Exposure to decomposition products may be a hazard to health.
- Special protective equipment for firefighters : Full protective flameproof clothing. Wear self-contained breathing apparatus for firefighting if necessary.
- Further information : In the event of fire, cool tanks with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

- Safeguards (Personnel) : Ensure adequate ventilation. Avoid contact with eyes. Avoid contact with skin. Avoid breathing vapours or mist. Remove all sources of ignition.
- Environmental precautions : Do not discharge to streams, ponds, lakes or sewers. Local authorities should be advised if significant spillages cannot be contained.
- Spill Cleanup : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Do not let product enter drains. Dispose of in accordance with local regulations. Clean with detergents. Avoid solvents.
- Accidental Release Measures : Fire may cause evolution of:

SECTION 7. HANDLING AND STORAGE

- Handling (Personnel) : Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Smoking, eating and drinking should be prohibited in the application area. Close container after each use. Ground containers when transferring material. Wash hands thoroughly after handling. Wash hands before eating,

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- drinking, or smoking.
Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist.
- Handling (Physical Aspects) : Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. No sparking tools should be used. Heating above the flash point may emit flammable vapors.
- Dust explosion class : No applicable data available.
Storage : Observe label precautions. Solvent vapours are heavier than air and may spread along floors. Keep away from heat and sources of ignition. Never use pressure to empty. Observe all label warnings and precautions until container has been thoroughly cleaned. Store between 5 and 25 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
- Storage period : No applicable data available.
- Storage temperature : No applicable data available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering controls : Ensure adequate ventilation. Handle only in a place equipped with local exhaust (or other appropriate exhaust). General mechanical ventilation is normally adequate but use local exhaust where necessary to maintain exposures below acceptable limits.
- Personal protective equipment
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.



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- Hand protection : Additional protection: Wear approved gloves that are suitable for the task and have been shown to be impervious for the duration of their use.
- Eye protection : Wear safety glasses or coverall chemical splash goggles.
- Skin and body protection : Wear suitable protective equipment.
- Protective measures : Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

Exposure Guidelines
Exposure Limit Values

Mica				
Permissible exposure limit:	(OSHA)	20 millions of particles per cubic foot of air		TWA
TLV	(ACGIH)	3 mg/m3	TWA	Respirable fraction.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance
- Physical state : liquid
- Form : liquid
- Color : silver
- Odor : No applicable data available.
- Odor threshold : No applicable data available.
- pH : No applicable data available.
- Melting point/range : No applicable data available.
- Boiling point/boiling range : Boiling point/boiling range
100 - 290 °C (212 - 554 °F)

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Flash point	: does not flash
Evaporation rate	: No applicable data available.
Flammability (solid, gas)	: Liquid: Does not sustain combustion.
Upper explosion limit	: No applicable data available.
Lower explosion limit	: No applicable data available.
Vapour Pressure	: No applicable data available.
Vapour density	: No applicable data available.
Density	: 1.3190 g/cm ³
Specific gravity (Relative density)	: See Density
Water solubility	: soluble
Solubility(ies)	: No applicable data available.
Partition coefficient: n-octanol/water	: No applicable data available.
Auto-ignition temperature	: No applicable data available.
Decomposition temperature	: No applicable data available.
Viscosity, kinematic	: No applicable data available.
Viscosity, dynamic	: 682 mPa.s Method: ISO 2431
% Volatile	: 39.14 %WT : 52.19 %VL
Volatile organic content	: 14.26 g/l

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(VOC) : less exempt
: 7.19 kg/l
as packaged

Oxidizing Substance : The product is not oxidizing.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable

Chemical stability : No applicable data available.

Possibility of hazardous reactions : Hazardous polymerization will not occur.

Conditions to avoid : Stable at normal temperatures and storage conditions. It is not self-reactive and it is not sensitive to physical impact or static discharge.

Incompatible materials : None reasonably foreseeable.

Hazardous decomposition products : In case of fire hazardous decomposition products may be produced such as:, Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

SECTION 11. TOXICOLOGICAL INFORMATION

Mica

Inhalation 4 h LC50 : > 24.4 mg/l , Rat
Respiratory effects

Repeated dose toxicity : Inhalation
human
-
dust/mist
Target Organs: Lungs
The substance or mixture is classified as specific target organ
toxicant, repeated exposure, category 2.
Respiratory effects

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Carcinogenicity

The carcinogenicity classifications for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition).

Material	IARC	NTP	OSHA
Rutile (TiO ₂)	2B		

SECTION 12. ECOLOGICAL INFORMATION**SECTION 13. DISPOSAL CONSIDERATIONS**

Waste disposal methods - Product : In accordance with local and national regulations.

Contaminated packaging : Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

TSCA : On the inventory, or in compliance with the inventory

SARA 313 Regulated : This material does not contain any chemical components with known CAS



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Chemical(s)	numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
CERCLA Reportable Quantity	: 2907 lbs Based on the percentage composition of this chemical in the product.: Copper iodide
California Prop. 65	: WARNING! This product contains a chemical or chemicals known to the State of California to cause cancer. Rutile (TiO ₂), Ethyl acrylate

SECTION 16. OTHER INFORMATION

Chemours™ and the Chemours Logo are trademarks of The Chemours Company.

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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