



SAFETY DATA SHEET

Section 1: Identification

Product Name: Platinum Protection Diamond Ceramic Exterior Protection
Product Code: 2412
Product Class: Nano-Particle Polymeric Protectant
Manufacturer/Supplier: ECP Incorporated
11210 Katherine's Crossing, Suite 100
Woodridge, IL 60517
Telephone: 630-754-4200
Emergency Telephone: CHEMTREC 800-424-9300

Date Prepared: August 15, 2017
Date of Review/Update:

Section 2: Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:



GHS Classification: Eye Damage/Irritation Category 2A; Skin Corrosion/Irritation Category 3; Acute Toxicity – Oral Category 5; Specific Target Organ Toxicity, Single Exposure (Respiratory Tract Irritation) Category 3
Signal Word: Warning

GHS Hazard Statements:

H303 May be harmful if swallowed
H316 Causes mild skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

GHS Precautionary Statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking
P233 Keep container tightly closed
P332 + P313 If skin irritation occurs: Get medical attention
P261 Avoid breathing dust/fume/gas/mist/vapours/spray
P271 Use only outdoors or in a well-ventilated area
P264 Wash hands thoroughly after handling
P280 Wear eye protection/face protection
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a poison center or doctor if you feel unwell
P337 + P313 If eye irritation persists: Get medical attention.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed
P405 Store locked up
P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

Signs and Symptoms of Exposure:

Eye: Irritation including tearing or redness.
Skin: Prolonged skin contact may cause irritation including redness, irritation, itching.
Ingestion: May cause gastrointestinal irritation
Inhalation: None are known
Medical Conditions Aggravated by Exposure: None known.
HMIS Rating: Health- 1 Fire- 0 Reactivity- 0 Personal Protection- C

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	% Range	OSHA PEL	ACGIH TLV
Silicone Microemulsion	Proprietary	95-100	N/A	N/A

Section 4: First Aid Measures

Eye Contact:	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.
Skin Contact:	Wash with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.
Ingestion:	Never give anything by mouth to an unconscious person. If person is conscious then give several glasses of water. Do not induce vomiting. Keep warm and quiet. Seek medical attention.
Inhalation:	Immediately remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician if symptoms persist.

Section 5: Fire-Fighting Measures

General fire hazards: Not any unusual fire or explosion hazards

Fire and Explosive Properties: Flash Point: >140 Flammable Limits: LEL / UEL: No Data

Extinguishing Media: Water spray, dry chemical, carbon dioxide, alcohol foam

Special hazards arising from the substance: Combustion can produce carbon dioxide, carbon monoxide.

Special Fire Fighting Procedures: Fire fighters should wear full protective clothing including self-contained breathing apparatus. Evacuate personnel to a safe area. Cool endangered containers with water if it can be done safely.

Section 6: Accidental Release Measures

Steps to be taken if Material is Spilled or Leaked:.. Absorb spills with inert material, then place in a container for chemical waste. Prevent any runoff from entering any drains, sewers or streams. Dike for later disposal.

Notification procedures: in the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

Section 7: Handling and Storage

Precautions to be taken in Handling and Storage:

Avoid contact with eyes and prolonged or repeated contact with skin. Use only with adequate ventilation. Wash hands thoroughly after handling. Keep container tightly closed and in a well-ventilated place. Affix proper warning labels on containers in accordance with 29CFR 1010.1200.

Section 8: Exposure Controls and Personal Protection

Ventilation: Avoid breathing vapor or mist. Local exhaust preferred.

Respirator Protection: If spraying or other operations which generate an aerosol mist occur, respiratory protection for exposed personnel is recommended. Properly fitted NIOSH/MSHA approved respirator should be worn if any dusts, mists, or vapors could occur.

Skin Protection: Gloves rated for protection against ingredients in SECTION 3.

Eye Protection: Safety glasses with side shields or chemical goggles.

Section 9: Physical and Chemical Properties

Boiling Point: 100°C

% Volatile: 71-75

Specific Gravity: 1.00 ± 0.05

Appearance/Odor: Yellow liquid, cherry odor

Vapor Pressure (mmHg @ 68°F):

Unknown

Solubility in Water:

Complete

Melting Point:

Not Applicable

pH:

6 +/- 1

Section 10: Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Combustion may produce oxides of carbon and silicone or slight traces of formaldehyde

Materials to Avoid: Strong oxidizers, strong acids

Conditions to Avoid: None are known

Section 11: Toxicology Information

IARC, NTP, OSHA Carcinogen:

None

Information on likely routes of exposure:

Inhalation: Mist irritating to the respiratory tract. Do not breathe aerosols.

Ingestion: Although ingestion is unlikely, liquid may irritate upper digestive tract if swallowed. May be harmful if swallowed.

Skin contact: Causes mild skin irritation. Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis.

Eye contact: Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product. May cause severe irritation.

Section 12: Ecological Information

All work practices must be aimed at eliminating environmental contamination.

Effects of material on plants and animals: Not available

Effect of material on aquatic life: Not available

Section 13: Disposal Considerations

Waste Disposal: Dispose of in accordance with federal, state, and local regulations.

Section 14: Transport Information

D.O.T. REQUIREMENTS (49CFR 172.101): Not Regulated

Section 15: Regulatory Information

RQ (REPORTABLE QUANTITY) 49CFR 172.101:

None

TSCA (Toxic Substances Control Act) Status:

The intentional ingredients of this product are listed.

CERCLA RQ - 40CFR 302.4:

None

SARA 302 COMPONENTS - 40CFR 355 Appendix A:

SECTION 311/312 HAZARD CLASS - 40CFR 370.2

Immediate (X)

Reactive ()

Delayed ()

Sudden Release of Pressure ()

Fire ()

SARA 313 COMPONENTS - 40CFR 372.65:

None

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

<u>Ingredient</u>	<u>Max. % By Wt.</u>	<u>LD50</u>	<u>LC50</u>
Silicone Microemulsion	95-100	N/A	N/A

CALIFORNIA PROPOSITION 65: None

Section 16: Other Information

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.