



Material Safety Data Sheet

SECTION 1 - Product and Company Identification

Product Name: ECOS Paints Radiator Paint - Gloss and Semi-Gloss
Description: Water-based paint for hot-water radiators
Document ID: 10050 R 1.1
Document Date: 03-30-2013
Document Version: R1.1
Manufacturer: Imperial Paints
Address: PO Box 489, Fairforest, SC, 29336
Contact: 864.595.3840

SECTION 2 - Hazards Identification

Noted components appear on the California Prop 65 List

SECTION 3 - Composition/Information on Ingredients

Chemical nature: Water based paint.

Ingredients:

Water, acrylic dispersion, titanium dioxide, pigments (various), thickeners – cellulosic and polymeric, barytes, limestone, clay, synthetic wax, dispersing aids (various).

Hazardous components: none.

VOCs/Solvents: none.

This product contains Titanium Dioxide (CAS# 13463-67-7) and Calcium Carbonate (CAS# 1317-65-3) in suspension, thus posing no hazard in normal use. Sanding or crushing when dried may produce small quantities of dust including one or both of these – suitable dust-excluding masks should be worn if this is to be undertaken.

SECTION 4 - First Aid Measures

Eye contact: May cause temporary irritation.
Irrigate with water for 15 minutes holding eyelid open.
Seek medical attention if irritation persists.

Skin contact: Prolonged contact may cause irritation.
Remove contaminated clothing.
Wash thoroughly with soap and water.

Inhalation of vapor: No hazard.

SECTION 5 - Fire Fighting Measures

Product is water based and not combustible when wet or dry.



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SECTION 6 - Accidental Release Measures

Personal protection: Refer to Section 8
Environmental precautions: Prevent product entering soil, natural waters, and drains.
Cleaning and taking up: Large spillages should be contained and pumped into a receiving vessel.
Small spillages should be absorbed on inert absorbent.
For disposal methods refer to Section 13

SECTION 7 - Handling and Storage

Handling: No special precautions necessary. Observe good housekeeping practices. This product contains Titanium Dioxide (CAS# 13463-67-7) and Calcium Carbonate (CAS# 1317-65-3) in suspension, posing no hazard. Sanding or crushing when dried may produce small quantities of dust – suitable dust-excluding masks should be worn if this is to be undertaken.
Storage: Store between +5°C and 20°C protected from frost and direct sunlight. Do not use storage vessels or pipe work made of aluminum, copper or their alloys. Detailed advice on storage systems can be provided.

SECTION 8 - Exposure Controls/Personal Protection

Workplace parameters: none
Personal protective equipment:
Respiratory protection: If spraying product without local exhaust ventilation, wear a normal dust mask.
Hand protection: None.
Eye protection: Advisory.
Skin protection: In case of severe splashing wear waterproof overalls and boots. Wash with soap and water after handling.
Hygiene measures; None.

SECTION 9 - Physical and Chemical Properties

Physical form: Liquid – paste
Color: Variable
Odor: Faint – none
Flash point: Not applicable
Vapor pressure: 23hPa @ 20°C
Relative density: 1.0 – 1.4
Solubility in water: Insoluble but miscible in all proportion
PH: 8 – 11
Viscosity: Variable
Flammability: Non-flammable.



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SECTION 10 - Stability and Reactivity

The product is stable under recommended storage conditions – see Section 7

Incompatible materials: none

SECTION 11 - Toxicological Information

Long term experience of this product type indicates no danger to health when properly handled under normal conditions.

SECTION 12 - Ecological Information

Degradation/elimination: The product can be virtually eliminated from water by abiotic processes, e.g. adsorption onto activated sludge.

Bioaccumulation: No evidence for bioaccumulation.

Eco-toxic effects: No long term effects expected.

SECTION 13 - Disposal Considerations

Waste product should not be discharged directly into drains or waterways without treatment. Disposal of product and packaging should always comply with local and national regulations. Waste water containing product should be treated in a separation and biological treatment plant.

SECTION 14 - Transport Information

The product is not classified as Dangerous for Carriage. It is:

- ✓ Non-HAZMAT
- ✓ Non-toxic
- ✓ Non-flammable



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SECTION 15 - Regulatory Information

Right To Know

Some US States consider Titanium Dioxide to be a chemical you should be notified of, because of its potential hazard in airborne powder form. In particular:

- Massachusetts
- New Jersey
- Pennsylvania
- Rhode Island

NOTE: In the form of a wet or dry paint, no such hazard exists.

TSCA

All components comply with the TSCA regulations and are either exempt or listed therein.

California Proposition 65

Noted components appear on the California Prop 65 List

SECTION 16 - Other Information

HMIS (Hazardous Materials Identification System) Information

Health	0
Flammability	0
Physical Hazard	0
Personal Protection	A – Safety glasses recommended. (If spraying without local exhaust ventilation, it is recommended that you also wear a normal dust mask.)

Note on hazards from lead paint:

Older buildings may contain lead-based paint, which requires professional remediation if it is disturbed. If in doubt, consult with a professional from a Lead-Safe Certified Firm.

Disclaimer

At the time of publishing (as per document date in Section 1), all the enclosed data and information was believed to be complete and accurate, and is provided in good faith. It is the responsibility of the reader to ensure that they have all the information they need to ensure the health and safety of them themselves and their employees. Such determination must be in accordance with all applicable local and federal laws and regulations.