



MSDS

MATERIAL SAFETY DATA SHEET

Trade Name: **Clear Skies Enamel**

Date Prepared: **8-10-07** Page: **1 of 5**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Clear Skies Wall Paint, Clear Skies Enamel, Accompanying Bases (Pastel, Medium, Deep, Ultra Deep)

Product description: Waterborne Paint

Manufacturer / Supplier: **Earthpaint Incorporated**

625 Haywood Rd, Asheville, NC 28806, 828-258-2580

HMIS

Health - 1

Fire - 0

Reactivity - 0

PPE: See section 8 (*)= Chronic Health Hazard

0= minimal

1= Slight

2= Moderate

3= Serious

4= Severe

Telephone: In case of emergency call: **Nationwide Poison Center Hotline**
1-800-222-1222

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical and Common Name	CAS Registry Number	Wt. %	OSHA PEL	ACGIH TLV
Hydrated Aluminum Silicate (Georgia Clay)	1332-58-7		No Info	10 MG/M3
Silica (natural sand)	14808-60-7		OSHA PEL 0.1 mg/m3 as Resp. Dust	ACGIH TLV 0.025 mg/m3 as Resp. Dust

3. HAZARDS IDENTIFICATION

Emergency Overview: If you are sanding paint that has silica sand in it you should wear an NIOSH approved respirator. Sandblasting professionals and those exposed to high levels of earthen dust are at high risk for silicosis. We use silica sand in our enamel because our customers prefer the hardness and durability it creates and don't mind the sand in it.

Eye contact: Causes mild irritation to the eyes.

Skin contact: Causes slight irritation to the skin.

Inhalation: Spraying Atomizes the Coating. Spray mist irritating to respiratory tract.

Ingestion: May be harmful if swallowed.

Chronic hazards: Chronic long term inhalation of dust generated from this paint. Silica is listed as a potential work place carcinogen.

Physical hazards: Spilled material is slippery.

4. FIRST AID MEASURES

Eye: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin: Thoroughly wash exposed areas with soap and water.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: If swallowed, DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flammable limits: Product will not burn. May spatter if boiled. Dry film is capable of burning.

Extinguishing Media: This material is compatible with all extinguishing media.

Hazards to fire-fighters: See Section 3 for information on hazards when this material is present in the area of a fire.

Fire-fighting equipment: The following protective equipment for fire fighters is recommended when this material is present in the area of a fire: chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots.

6. ACCIDENTAL RELEASE MEASURES

Personal protection: Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots. See section 8.

Environmental Hazards: Sinks and mixes with water. Wet Paint can be unpleasant and harmful to aquatic life, see Section 12.

Small spill cleanup: Mop up and neutralize liquid, then discharge to sewer in accordance with federal, state and local regulations or permits.

Large spill cleanup: Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent runoff from entering into storm sewers and ditches which lead to natural waterways. Isolate, dike and store discharged material, if possible. Use sand or earth to contain spilled material. If containment is impossible, neutralize contaminated area and flush with large quantities of water.

CERCLA RQ: There is no CERCLA Reportable Quantity for this material. If a spill goes off site, notification of state and local authorities is recommended.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Keep container closed. Promptly clean residue from closures with cloth dampened with water. Promptly clean up spills.

Storage: Keep containers closed. Store in clean Lined Tin, steel or plastic containers. Storage temperature 45-95F.

Trade Name:
Date Prepared: 06-08-07

Clear Skies Enamel

Page: 3 of 5

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Use with adequate ventilation. Keep containers closed. Safety shower and eyewash fountain should be within direct access.

Respiratory protection: Use a NIOSH-approved dust and mist respirator where spray mist occurs. Observe OSHA regulations for respirator use (29 C.F.R. §1910.134)

Skin protection: Wear body-covering protective clothing and gloves.

Eye protection: Wear chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Thick liquid.
Color: White
Odor: Mild Amine
pH:
Specific gravity: 1.3272
Solubility in water: Miscible.

10. STABILITY AND REACTIVITY

Stability: This material is stable under normal use and storage.
Conditions to avoid: None.
Materials to avoid: No information

Hazardous decomposition products: Thermal Decomposition yields Oxides of Carbon.

Hazardous Polymerization will not occur under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute Data: INHALATION: Prolonged or repeated exposure to fine airborne crystalline silica dust may cause severe scarring of the lungs, a disease called silicosis. The risk of developing and the severity of silicosis depends on the airborne concentration of respirable-size silica dust to which an employee is exposed and duration of exposure. Silicosis usually develops gradually over 20 years or more of exposure. Particles with diameters less than 1 micrometre and freshly cleaved particles (for example, those produced by sandblasting) are considered most hazardous. Several reliable studies have found silicosis in employees with exposure to considerably less than 1 mg/m³ respirable quartz.

Subchronic Data: **CHRONIC HEALTH HAZARDS**
Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.
IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

Trade Name:
Date Prepared: 06-08-07

Clear Skies Enamel

Page: 4 of 5

Special Studies:

The reactions of the chemically sensitive population tested with this product have been without negative effect.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

All raw materials listed on TOSCA.

Environmental Fate:

Biodegradeable.

Physical/Chemical:

13. DISPOSAL CONSIDERATIONS

Classification:

Disposed material is not a RCRA hazardous waste.

Disposal Method:

Dispose in accordance with federal, state and local regulations and permits.

14. TRANSPORT INFORMATION

DOT UN Status:

This material is not regulated hazardous material for transportation.

Trade Name:

Clear Skies Enamel

Date Prepared: **06-08-07**

Page: 5 of 5

15. REGULATORY INFORMATION

CERCLA: No CERCLA Reportable Quantity has been established for this material.
SARA TITLE III: Not an Extremely Hazardous Substance under §302. Not a Toxic
Chemical under §313. Hazard Categories under §§311/312: Acute
TSCA: All ingredients of this material are listed on the TSCA inventory, or are exempt from listing.
FDA: Meets requirements for food surface coatings as per FDA, 21CFR Sec.
175.300

16. OTHER INFORMATION

Prepared by: Tom Rioux
Supersedes revision of: **8-10-07**

THE INFORMATION ON THIS SAFETY DATA SHEET IS BELIEVED TO BE ACCURATE AND IT IS THE BEST

INFORMATION AVAILABLE TO Earthpaint Incorporated THIS DOCUMENT IS INTENDED ONLY AS A GUIDE TO THE APPROPRIATE PRECAUTIONS FOR HANDLING A CHEMICAL BY A PERSON TRAINED IN CHEMICAL HANDLING. Earthpaint Incorporated MAKES NO WARRANTY OF merchantability or any other warranty, express or

IMPLIED WITH RESPECT TO SUCH INFORMATION OR THE PRODUCT TO WHICH IT RELATES, AND WE ASSUME NO LIABILITY RESULTING FROM THE USE OR HANDLING OF THE PRODUCT TO WHICH THIS SAFETY DATA

SHEET RELATES. USERS AND HANDLERS OF THIS PRODUCT SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION PROVIDED HEREIN FOR THEIR OWN PURPOSES.
