MATERIAL SAFETY DATA SHEET

Prepared according to 29 CFR 1910.1200

N/A = Not applicable Revised 9/30/08

SECTION 1 - PRODUCT IDENTIFICATION

Trade Name: Safecoat Eggshell Zero VOC
Product I.D.# & Color: 1416 White
Product Class: Waterborne Polymer Emulsion
Supplier's Name: American Formulating & Manufacturing
Telephone #: (619) 239-0321 Fax # 619-239-0565
Address: 3251 Third Avenue, San Diego, CA 92103
Emergency Phone (MSDS Information): (619) 239-0321 or (562) 693-0872
D.O.T. Emergency Phone Number: N/A
US DOT Hazard Shipping Class: Not regulated - aqueous
D.O.T. Labels/Placards Required: No
OSHA Class: 29CFR 1910.1200 Non-hazardous
SARA TITLE III Emergency & Community Right to Know:
Section 311/312 Categorizations (40 CFR 370): Not a hazardous chemical
Section 313 Information (40 CFR 372): This product does not contain a chemical which is listed in Section 313 above de minimis concentrations.

SECTION 2 – INGREDIENTS

Acrylic Copolymer CAS #: Mixture Weight Percent: 40–45
Vapor Pressure 17 mm Hg @ 68 F
Water CAS #: 7732-18-5 Weight Percent: 25–30
Titanium Dioxide CAS #: 13463-67-7 Weight Percent: 20–25
Pigment dust when dry or sanded ACGIH TLV 10 mg/m3 total dust
Limestone CAS #: 1317-65-3 Weight Percent: <4
Pigment dust when dry or sanded ACGIH TLV 10 mg/m3 total dust
OSHA PEL 15mg/m3 total dust
Aluminum Silicate CAS #: 1332-58-7 Weight Percent: <4
Pigment dust when dry or sanded

SECTION 3 - PHYSICAL DATA

Physical Description: Viscous liquid, low odor, mildly alkaline, white (if not tinted). Very mild paint odor.
Boiling Point: .....100 C/212 F
Melting Point: .....N/A
Vapor Density:.....Heavier than air
% Volatile by Volume: 66.79%
LBS/GAL Theoretical: .....10.68 +or- .15
Solubility in Water: .....Dilutable
Vapor Pressure, mmHg @ 20degC: .....N/A
Evaporation Rate:.....Slower than ether
% Volatile by Weight.....51.17%
Specific Gravity (Water=1):.....1.28
VOC Material:.....zero
VOC Material less H20: .....zero

SECTION 4 - FIRE & EXPLOSION HAZARD DATA

Flash Point: N/A non-combustible
Flammable limits in air, volume % - lower LEL: N/A **Upper UEL**: N/A
Fire Extinguishing Media: Water, carbon dioxide, dry chemical
Personal Protective Equipment: Self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear may be worn if desired, but not necessary for normal use.
Autoignition Temp.: N/A
Special Fire Fighting Procedures: Use water (fog) to cool closed containers. Wear self contained breathing apparatus.
Unusual Fire & Explosion Hazards: Closed containers may explode due to the build up of steam pressure when exposed to extreme heat. Material can splatter above 100°C/212°F. Polymer film can burn.

SECTION 5 - HEALTH HAZARD INFORMATION & FIRST AID

Threshold Limit Value: See Section 2 for hazardous ingredient information

Symptoms of Overexposure

Symptoms and Effects of Short Term Exposure: Acute. Primary route of entry:

Swallowing: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Inhalation: Inhalation-spray mists may cause mild respiratory irritation.

Eye Contact: Liquid splashed into the eye may cause transient eye irritation.

Skin Absorption: None known.

Symptoms and Effects of Repeated Overexposure: Chronic - None known.
Medical Conditions Generally Aggravated by Exposure: None known.

Emergency & First Aid Procedures:

Inhalation: Remove from exposure. Provide plenty of fresh air.
Splash (eyes): Flush immediately with large amounts of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Take to a physician for medical treatment.
Splash (skin): Remove with soap and water. Remove contaminated clothing. Supply copious amounts of fresh water to the skin areas to rinse material away.
Ingestion (Swallowing): Consult with physician, hospital emergency room, or poison control center immediately. Only if conscious, give 2 glasses of water to drink.
Notes to Physician: Any treatment that might be required for overexposure should be directed at the control of symptoms and the clinical conditions.
Suspected Cancer Agents: Federal OSHA: No NTP: NO IARC: 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."
HMIS Codes: H-1 F-0 R-0 P-0

SECTION 6 - REACTIVITY DATA

Stability: Stable, however avoid temperatures above 177°C/350°F, the onset of polymer decomposition.
Incompatibility (materials to avoid): Avoid materials that are water reactive, highly alkaline or highly acidic.
Hazardous Decomposition by-products: CO, CO2 on combustion
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Excess heat may cause containers to rupture. Avoid temperatures below 45°F or freezing conditions.

SECTION 7 - SPILL, DISPOSAL PROCEDURES; ENVIRONMENTAL DATA

Steps to be taken in case material is released or spilled: Confine in small area; contain and remove with inert absorbent (sand, earth, etc.). Place in proper container for proper disposal. CAUTION - Keep out of waterways, drains, sewers by diking. Keep spectators away. Floor may be slippery. Use care to avoid falling.
Waste Disposal Method: Place contaminated material in suitable sealed metal containers for disposal. Do not incinerate closed containers. Use non leaking containers, seal tightly and label properly. Do not pour contaminated paint back into unused paint. Do not throw liquid paint into the trash. Where allowed by local laws (check with local regulatory agencies) allow liquid waste materials to dry out before disposing into trash containers. Take all liquid unused paint that cannot be used to approved recycling centers, paint roundups, or county facilities that are approved to take unused paint at collection sites. Contact state, county, city health services or fire departments to find nearest collection centers. Do not dispose of waste into water streams or storm water sewers. Do not mix with other kinds of waste. Dispose all waste in accordance with local, state and federal regulations.
RCRA Classification: As produced, this product is not a waste. If discarded as is, it is not classified a "Hazardous" waste under RCRA. This product is not ignitable, corrosive, reactive, or toxic; therefore is not defined as hazardous by the EPA.
Environmental Hazards: None known.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: If applied by spraying, use an appropriate, properly fitted NIOSH/MSHA approved respirator to remove spray mist. Good room (mechanical) ventilation should be sufficient protection against vapors from product. If further protection is desired or if persons are sensitive to vapors, use a respirator with a NIOSH/MSHA approval number TC-23C-860 or TC-23C-87 or an equivalent. Refer to OSHA 29 CFR 1910.134, "Respiratory Protection".
Ventilation: General (mechanical) room ventilation is expected to be satisfactory.
Protective Gloves: None required under most conditions. If protection is desired, plastic, nitrile or latex rubber will provide adequate protection.
Eye Protection: Safety glasses or goggles with side shields if splashing may occur. Use goggles when spraying, ANSI Z87.1 or approved equivalent.
Other Protection: Eye wash or copious amounts of water as a precautionary measure is suggested. Other equipment not likely to be needed.

SECTION 9 - STORAGE & SPECIAL HANDLING

Storage Temperature: Min. 45degF - Max. 120degF/Indoor and outdoor = OK
This product should be stored at room temperature to prolong shelf life. Keep containers in a cool, dry place. Avoid subjecting this product to extreme temperature variations and freezing. Adverse conditions can cause emulsion coagulation.
KEEP CONTAINER CLOSED. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. DO NOT GET IN EYES. IF PRODUCT IS SPRAYED, PREVENT PROLONGED OR REPEATED BREATHING OF SPRAY MIST. USE ADEQUATE VENTILATION WHEN USING THIS PRODUCT. USE GOOD HYGIENE PRACTICES AND WASH AFTER USING PRODUCT.

NOTICE: The data and recommendations presented herein are based upon our research and the research of others, and are believed to be accurate. No guarantee of their accuracy is made, however, and the product discussed is distributed without warranty, expressed or implied, and the person receiving such product shall make his own determination of the suitability thereof for his particular purpose. The use of this information and the conditions and use of this product are controlled by the user, and it is the responsibility and obligation of the user to determine the conditions of safe use of this product. If persons using this product are chemically sensitive, a test for personal tolerance is recommended.