MATERIAL SAFETY DATA SHEET
Prepared according to 29 CFR 1910.1200

SECTION 1 - PRODUCT IDENTIFICATION

Trade Name: Safecote DynoFlex RoofGuard
Product I.D. & Color: 5115 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: (562) 693-0872
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): See Section 2

SECTION 2 - INGREDIENTS

Acrylic Copolymer Emulsion  CAS #: Mixture  Weight Percent: 35 – 40
Vapor Pressure 17 mm Hg @ 88 F
Calcium Carbonate  CAS #: 1317-65-3  Weight Percent: 20 – 25
Pigment Dust When Dry Or Sanded
ACGIH TLV 10mg/m3 total dust
Water  CAS #: 7732-18-5  Weight Percent: 20 – 25
Titanium Dioxide  CAS #: 13463-67-7  Weight Percent: 5 – 10
Pigment Dust When Dry Or Sanded
ACGIH TLV 10mg/m3 total dust
Nepheline Syenite Pigment  CAS #: 37244-96-5  Weight Percent: 0 – 5
Pigment Dust When Dry Or Sanded
ACGIH TLV 10mg/m3 total dust
Mineral fillers – naturally occurring

Suspected Cancer Agents: OSHA: No NTP: NO IARC: No None known.
HMS Codes: H-1-I-F-O-R-O-P-B

SECTION 3 - PHYSICAL DATA

Physical Description: Viscous liquid, low odor, mildly alkaline, white (if not tinted). Very mild paint odor.
Boiling Point: (Water) 212F
Melting Point: N/A
Vapor Density: Heavier than air
% Volatile by Volume: 57.62
LBS/GAL Theoretical: N/A
Evaporation Rate: Slower than ether
Vapor Pressure, mmHg @ 20degC: N/A
Specific Gravity (Water=1): 1.33
VOC Material: 35 grams/liter, 0.29 lb/gal
VOC Material less H2O: 76 grams/liter, 0.63 lb/gal

SECTION 4 - FIRE & EXPLOSION HAZARD DATA

Flash Point: N/A non-combustible
 Flammmable limits in air, volume % - lower LEL: 1.0 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
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. If material enters lungs during swallowing or vomiting, can cause lung inflammation and damage.
Eye Contact: Liquid splashed into the eye may cause transient eye irritation.

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.

SECTION 7 - SPILL, DISPOSAL PROCEDURES; ENVIRONMENTAL DATA
Steps to be taken in case material is released or spilled: Confin e in small area; contain and remove with inert absorbent (sand, earth, etc.). Place in proper containers 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 it 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.