

MATERIAL SAFETY DATA SHEET

A3P-TIRE2COATING

March 15, 2010



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **A3P-Tire2Coating**

CAS Number: Mixture

Synonyms: Acrylic resin based roof coating

Company Identification: **E & G COATINGS LLC**
14309 TOEPPERWEIN RD # 309
SAN ANTONI, TEXAS, 78233
(210) 590-4449 (For product information)

2. COMPOSITION / INFORMATION ON INGREDIENTS

CONTAINING: HAZARDOUS AND/OR REGULATED COMPONENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>	<u>Hazardous</u>	<u>OSHA PEL (TWA)</u>	<u>ACGIH TWA</u>
Acrylic Resin	45%	NA	No	NE	NE
Calcium Carbonate	40%	1317-65-3	Yes	15 mg/m ³	15 mg/m ³
Titanium Oxide	5%	13463-67-7	Yes	10 mg/m ³	15 mg/m ³ (Dust)
Cellulose	1%	9004-34-6	Yes	15 mg/m ³ (Dust)	15 mg/m ³ (Dust)
Other ingredients which are less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).	Balance	NA	No	NA	NA

California Prop 65: This product does not contain an ingredient(s), above the safe harbor limits, which are known to the state of California to cause cancer, birth defects, or other reproductive harm.

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HAZARDS DISCLOSURE: This product does contain known hazardous materials in reportable levels as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200 except as listed above. As defined under Sara 311 and 312, this product contains known hazardous materials.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! MAY CAUSE IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT.

HMIS/NFPA Rating: See Section 16

POTENTIAL HEALTH EFFECTS

ROUTES OF ENTRY: Skin. Eyes, Inhalation, Ingestion.

TARGET ORGANS: Skin. Respiratory System

INHALATION: Causes irritation to the nose and throat. Concentrations above the TLV may cause headache, dizziness, nausea, and shortness of breath.

INGESTION: Not expected to be a normal route of entry. May produce abdominal pain, nausea.

SKIN CONTACT: Contact with skin may cause irritation. Symptoms include redness, itching, and pain.

EYE CONTACT: Contact can irritate the eyes. Splashes cause pain and irritation.

CHRONIC EXPOSURE: Prolonged skin contact may defat the skin and produce dermatitis.

AGGRAVATION OF PRE-EXISTING CONDITIONS: Persons with pre-existing eye, skin disorders or impaired respiratory function or central nervous system conditions may be more susceptible to the effects of the substance.

4. FIRST AID MEASURES

INHALATION FIRST AID: If breathing problems develop, remove victim to fresh air and provide oxygen if necessary. If not breathing, give artificial respiration, preferably mouth to mouth. GET MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT FIRST AID: Immediately flush skin with plenty of water for 5 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS..

EYE CONTACT FIRST AID: If contact with eyes, immediately flush eyes with plenty of water for at least 15 minutes lifting upper and lower eyelids occasionally. GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION FIRST AID: Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. GET MEDICAL ADVISE IMMEDIATELY.

NOTE TO PHYSICIANS: Treat symptoms

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5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

AUTO IGNITION TEMPERATURE: NE

FLASH POINT: NE.

FLAMMABLE LIMITS IN AIR, % by Volume: lel: NE; uel: NE.

EXTINGUISHING MEDIA: Water spray, dry chemical, carbon dioxide, foam

FIRE & EXPLOSION HAZARDS: None known

SPECIAL INFORMATION:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN-UP PROCEDURES: Evacuate unprotected personnel from the area. Maintain adequate ventilation. Follow personal protective equipment recommendations found in section 8. Contain and recover liquid if possible. Cover spilled liquid with sand or earth. Clean up spill immediately and place in appropriate containers.

Always dispose of materials in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

RECOMMENDED STORAGE CONDITIONS: Protect against physical damage. Store in a cool, dry well-ventilated location. Keep out of direct sunlight. Keep containers tightly closed.

SHELF LIFE: See Label on packaging.

HANDLING (PERSONNEL): Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Avoid breathing vapors, mists, or dust. Do not eat, drink or smoke in work area. Wash thoroughly after handling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

AIRBORNE EXPOSURE LIMITS:

See Section 2 above.

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VENTILATION SYSTEM: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

PERSONAL RESPIRATORS (NIOSH APPROVED): If the exposure limit is exceeded and engineering controls are not feasible, wear a supplied air, full-facepiece respirator, airlined hood, or full-facepiece self-contained breathing apparatus. Breathing air quality must meet the requirements of the OSHA respiratory protection standard (29CFR1910.134). Where respirators are required, you must have a written program covering the basic requirements in the OSHA respirator standard. These include training, fit testing, medical approval, cleaning, maintenance, cartridge change schedules, etc. See 29CFR1910.134 for details.

SKIN PROTECTION: Wear impervious protective clothing, gloves, as appropriate, to prevent skin contact.

EYE PROTECTION: Use chemical safety goggles and/or a full face shield where splashing is possible.

GOOD HYGIENE CONDITIONS: Wash with soap and water before meals and at the end of each work shift. Good manufacturing practices require amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: No Odor

SOLUBILITY IN WATER: Soluble

MELTING POINT: NE

AUTO IGNITION TEMPERATURE: NE

pH: NE

VAPOR DENSITY: ND

BOILING POINT: ND

SPECIFIC GRAVITY: ND (Water =1)

EVAPORATION RATE (BuAc=1): NE

FLASH POINT: NA

VAPOR PRESSURE: ND

10. STABILITY AND REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage.

CONDITIONS TO AVOID: None known

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY WITH OTHER MATERIALS: None known

HAZARDOUS DECOMPOSITION: Carbon dioxide and carbon monoxide when burned.

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11. TOXICOLOGICAL INFORMATION

Toxicological Data:

Ingredients:

Acute oral toxicity: No Data

Carcinogenic effects: Not available.

Mutagenic effects: Not available.

Teratogenic effects: Not available.

Cancer Lists

---NTP Carcinogen---

Ingredient

Known

Anticipated

IARC Category

Ingredients

No

No

None

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE:

No Data

ENVIRONMENTAL TOXICITY:

No Data

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Recover, reclaim or recycle when practical.

Dispose of material in accordance with federal, state and local requirements.

CONTAMINATED MATERIALS: Wash contaminated clothing before reuse.

14. TRANSPORTATION INFORMATION

DOMESTIC (LAND, D.O.T.), INTERNATIONAL (WATER, I.M.O.), INTERNATIONAL (AIR, I.C.A.O.)

CLASS: Non Regulated Material

PRODUCT LABEL:

UN NUMBER:

PACKING GROUP:

D.O.T. SHIPPING NAME:

15. REGULATORY INFORMATION

FEDERAL REGULATORY STATUS

Chemical Inventory Status - Part 1

Ingredient

TSCA

EC

Japan

Australia

All ingredients

YES

YES

YES

YES

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Chemical Inventory Status - Part 2

Ingredient	<u>Korea</u>	<u>DSL</u>	<u>CANADA</u> <u>NDSL</u>	<u>Phil.</u>
All ingredients	YES	YES	NO	YES

Federal, State & International Regulations - Part 1

Ingredient	<u>-SARA 302-</u> <u>RQ</u>	<u>TPQ</u>	<u>List</u>	<u>-SARA 313-</u> <u>Chemical Catalog</u>
All ingredients	NO	NO	YES	NO

Federal, State & International Regulations - Part 2

Ingredient	<u>CERCLA</u>	<u>-RCRA-</u> <u>261.33</u>	<u>-TSCA-</u> <u>8(d)</u>
All ingredients	NO	NO	NO

Chemical Weapons Convention: No **TSCA 12(b):** No **CDTA:** NO

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 accidental release prevention: No products were found.

Clean Air Act (CAA) 112 regulated flammable substances: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

SARA 311/312: Acute: Yes Chronic: No Fire: No Pressure: No
Reactivity: No (Pure / Liquid)

STATE REGULATIONS:

None

PROP 65 - WARNING:

THIS PRODUCT DOES NOT CONTAIN A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

RCRA 40 CFR: None.

WHMIS: This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS). Other inventory lists:, Korea (TCCL), Australia (AICS), China (Draft), PICCS (Philippines-RA6969), Japan (ENCS METI/MOL).

16. OTHER INFORMATION

Label Requirements:

WARNING! MAY CAUSE IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT.

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Hazardous Material Information System (HMIS):	Health	1
	Flammability	0
	Reactivity	0
	Personal Protection	A

National Fire Protection Association (NFPA) 1-Health, 0-Flammability, 0-Reactivity

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

Protective Equipment: GOGGLES, PROPER GLOVES;

Prepared By: Paul Eigbrett (MSDS Authoring Services)

Part Number: --

ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process. This Material Safety Data Sheet (MSDS) has been reviewed to fully comply with the guidance contained in the ANSI MSDS standard (ANSI Z400.1-2004)

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of E & G Coatings, LLC. The data on this sheet are related only to the specific material designated herein. E & G Coatings, LLC assumes no legal responsibility for use or reliance upon these data.

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

END OF MSDS