

PRODUCT NAME: READY2SPRAY FIELD MARKING WHITE

PRODUCT CODE: 5000

~~~~ SECTION 1 ~~~~ MANUFACTURER IDENTIFICATION ~~~~

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Manufacturer's Name : All American Paint Co.  
Address : 7701 NW Prairie View Rd, Suite 8  
: Kansas City, MO 64151  
: INITIAL (FIRST CALL) CHEMTREC (800) 424-9300  
INFORMATION PHONE : (877) 334-2730  
TOLL FREE : (877) 334-2730  
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~~~~ SECTION 2 ~~~~ HAZARDOUS INGREDIENTS/SARA III INFORMATION ~~~~

| Reportable Components | CAS Number | MM HG @ Temp | Weight % |
|---|------------|--------------|----------|
| Calcium Carbonate | 1317-65-3 | N/A N/A | 23 |
| Calcium Carbonate (CAS# 1317-65-3)
OSHA PEL TWA: 15mg/m3 (total dust), 5mg/m3 (respirable dust)
ACGIH TLV TWA: 10mg/m3 (total dust for <1% silica)
Calcium Carbonate Contains <0.3% Silica, quartz
Silica, quartz (CAS# 14808-60-7)
OSHA PEL TWA: 30mg/m3 / % silica+2 (total dust),
10mg/m3 / % silica+2 (respirable dust).
ACGIH TLV TWA: 0.05mg/m3 (respirable dust). | | | |
| ~ | | | |
| Kaolin Clay | 1332-57-8 | N/A N/A | 8 |
| OSHA PEL: 15MG/M3, ACGIH TLV: 10MG/M3. CONTAINS < 0.10% CRYSTALLINE SILICA
CAS# 14808-60-7, ACGIH TLV-0.10MG/M3 TWA, OSHA PEL-0.10MG/M3 TWA,
RESPIRABLE DUST, NIOSH REL-0.05MG/M3 TWA, RESPIRABLE DUST. | | | |
| Titanium dioxide | 13463-67-7 | N/A N/A | 6 |
| ACGIH TLV: 10mg/m3 Dust
OSHA PEL: 15mg/m3 Total Dust
OSHA PEL: 5mg/m3 Respirable Dust
WHMIS: D2A- Toxic material causing other toxic effects.
*** No toxic chemical(s) subject to the reporting
requirements of section 313 of Title III and of 40 CFR 372 are
present. *** | | | |

THIS MSDS MAY BE USED FOR OTHER COLORS AND CONTAINER SIZES
OF THIS PRODUCT.

~~~~ SECTION 3 ~~~~ HAZARDS IDENTIFICATION ~~~~

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Potential Health Effects

Eyes:

Contact with vapor and/or spray mist may result in  
irritation, contact with liquid may result in severe irritation

Skin:

Substance may cause slight skin irritation

Ingestion:

May cause abdominal pain, nausea and vomiting.

Inhalation:

Vapor or spray mist can cause headache, nausea and  
irritation of the nose, throat and lungs.

~~~~ SECTION 4 ~~~~ FIRST AID MEASURES ~~~~

Eyes:

Immediately flush with copious amounts of water for at least
15 minutes. If redness, itching, or burning sensations persist
consult a physician or ophthalmologist immediately.

Skin:

Immediately wash skin with a generous amount of soap and

water. Remove contaminated clothing and shoes and wash before reuse. If irritation persists consult a physician.

Ingestion:

Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician immediately.

Inhalation:

Remove from source of exposure and into fresh air. If symptoms persist consult a physician immediately. If not breathing, give artificial respiration and call emergency medical services immediately.

Note to Physician:

None for this material.

~~~~ SECTION 5 ~~~~ FIRE FIGHTING MEASURES ~~~~

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**Flammable Properties**

Flash Point: N/A

Lower Flammable Limits: N/A

Upper Flammable Limit: N/A

Auto Ignition Temperature: Not available

**Extinguishing Media:**

Foam, CO<sub>2</sub>, dry chemical, water fog or spray, as appropriate for surrounding fire.

**Special Fire Fighting Procedures:**

Do not enter any enclosed or confined space without full protective equipment, including self-contained breathing apparatus (pressure-demand OSHA/NIOSH approved or equivalent) to protect against the hazardous effects of combustion products and oxygen deficiency.

~~~~ SECTION 6 ~~~~ ACCIDENTAL RELEASE MEASURES ~~~~

Small Spill:

Always wear appropriate Personal Protective Equipment as you would if you were using this product. Dike and absorb with inert material such as sand and remove all liquid with the use of a vacuum system. If unable to remove as a liquid, then absorb with sand, saw dust or commercial absorbent, and scoop up and place in containers for proper disposal. Keep spills and cleaning runoff out of the municipal sewers and open bodies of water. Decontaminate all clothing and the spill area with a detergent and large amounts of water.

Large Spill:

Use same procedure as small spill.

~~~~ SECTION 7 ~~~~ HANDLING AND STORAGE ~~~~

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**Handling & Storage:**

Keep from freezing. Keep container cool and dry. Use and store this product with adequate ventilation. Keep product containers tightly closed when not in use. Avoid subjecting this product to extreme temperature variations.

**Other Precautions:**

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

~~~~ SECTION 8 ~~~~ EXPOSURE CONTROLS/PERSONAL PROTECTION ~~~~

Engineering Controls:

In outside spray, mixing and rolling applications situate workers upwind of operation & provide airflow in a downwind direction so as to carry fumes and residual spray away from workers. Turn off heating and/or air conditioning equipment to prevent Contaminating building

Respiratory Protection:

Follow OSHA regulation 29 CFR 1910.134 for respirator use where over spray is present, or if concentration of product is not known or are above the exposure guidelines. When comfort levels may be exceeded, use an approved air-purifying respirator equipped with an ammonia/methylamine cartridge(s).

Skin Protection:

The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation. Note that PVA degrades in water.

Eye Protection:

Eye Protection: Safety glasses with side shields recommended.

~~~~ SECTION 9 ~~~~ PHYSICAL AND CHEMICAL PROPERTIES ~~~~

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Boiling Range: N/A  
Melting Point: N/A  
Specific Gravity(H<sub>2</sub>O=1): 1.3123  
Vapor Density(Air=1): Lighter than air  
Vapor Pressure: 17mm Hg @ 20C/68F Water  
Evaporation Rate(N-Butyl Acetate=1) : Slower than ether  
Coating V.O.C.: 0.46 lb/gl                      Coating V.O.C.: 56 g/l  
Material V.O.C.: 0.12 lb/gl                      Material V.O.C.: 14 g/l  
Solubility in Water: Soluble  
Appearance: Highly thixotropic liquid.  
Odor: PUNGENT AMMONIA ODOR.  
pH: 9.0 to 10.0

~~~~ SECTION 10 ~~~~ STABILITY & REACTIVITY DATA ~~~~

Stability:
Stable
Conditions To Avoid:
Extremely hot or cold temperatures
Incompatible Materials:
Avoid strong oxidizing agents such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

Hazardous Decomposition Products

Thermal decomposition may yield acrylic monomer, carbon monoxide and carbon dioxide. Unidentified organic compounds in fumes and smoke may be formed during combustion.

Hazardous Polymerization:

Will not occur

~~~~ SECTION 11 ~~~~ TOXICOLOGICAL INFORMATION ~~~~

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\*Data is for individual components of preparation.  
Materials having a known chronic/acute effects on eyes:  
INCONSEQUENTIAL IRRITATION  
Materials having a known dermal toxicity.  
SKIN IRRITATION- RABBIT: PRACTICALLY NON-IRRITATING. DERMAL  
LD50-RABBIT: >5000 mg/kg.

Materials having a known oral toxicity.  
INFORMATION IS BASED ON THE TOXICITY PROFILES FOR A NUMBER

OF ACRYLIC EMULSIONS THAT ARE COMPOSITIONALLY SIMILAR TO THIS PRODUCT  
TYPICAL DATA ARE: PRACTICALLY NON-IRRITATING

Materials having a known Inhalation hazard:  
IT IS POSSIBLE TO BREATHE THIS MATERIAL UNDER CERTAIN  
CONDITIONS OF HANDLING AND USE (FOR EXAMPLE, DURING MIXING).  
BREATHING SMALL AMOUNTS OF THIS MATERIAL DURING NORMAL HANDLING IS  
NOT LIKELY TO CAUSE HARMFUL EFFECTS. BREATHING LARGE AMOUNTS MAY BE  
HARMFUL. SYMPTOMS USUALLY OCCUR AT AIR CONCENTRATIONS HIGHER THEN  
THE RECOMMENDED EXPOSURE LIMITS.

Identified Acute/ Short-term Effects:  
Headache, nausea, abdominal pain and irritation of the nose,  
throat and lungs. Skin and eye irritation.

Identified Carcinogens/Longterm Effects:  
There are no reported health effects associated with  
repeated or prolonged exposure to pure calcium carbonate. Chronic  
exposure to limestone dust at concentrations exceeding occupational  
exposure limits may cause pneumoconiosis (lung disease). This  
product contains crystalline silica (quartz) as an impurity. Chronic  
exposure to crystalline silica dust at concentrations exceeding  
occupational exposure limits may cause silicosis. The NTP's Ninth  
Report on Carcinogens lists crystalline silica (respirable size) as a  
known human carcinogen. IARC concluded that there is sufficient  
evidence in humans for the carcinogenicity of inhaled (respirable)  
crystalline silica.

Identified Teratogens:  
NO DATA  
Identified Reproductive toxins :  
NO DATA.  
Identified Mutagens:  
NO DATA.

~~~~ SECTION 12 ~~~~ ECOLOGICAL INFORMATION ~~~~

Ecotoxicological effects on plants and animals:
Aluminum Trihydrate CAS#21645-51-2
EC50 (fish): >10g/l
EC50 (Daphnia): >10g/l
Titanium Dioxide CAS#13463-67-7 96 Hr LC50 (Fathead minnows)>1,000
mg/l
Inherent biodegradability (OECD 302 B): this type of product is not
biodegradable but readily bioeliminable.
Emulsion polymer biodegradation is generally considered limited and
dependent on polymer size and origin of treatment sludge. However,
most of these polymers readily absorb onto water treatment sludge and
therefore would be bioeliminable from effluents.

Activated sludge respiratory inhibition (OECD 209): >100mg/l (non-
inhibiting)

The information shown is based on profiles of compositionally similar
materials.

Algae (selenastrum capricornutum), 72 hour EC50: >100 ppm (non-toxic)
rainbow trout (oncorhynchus mykiss), 96 hour LC50: >100 ppm (non-
toxic) daphnia magna, 48 hour EC50: >100 ppm (non-toxic) microtox, 15
minute EC50: >300 ppm (non-toxic).

The above data are for a compositionally similar material.

Chemical Fate :

In outside spray, mixing and rolling applications situate workers upwind of operation & provide airflow in a downwind direction so as to carry fumes and residual spray away from workers. Local exhaust ventilation recommended if generating vapor, dust or mist. Turn off heating and/or air conditioning equipment to prevent contaminating building.

If exhaust ventilation is not adequate, use MSHA or NIOSH approved respirator. Refer to OSHA standard 29 CFR 1910.94 for guidelines.

~~~~ SECTION 13 ~~~~ DISPOSAL CONSIDERATIONS ~~~~

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Instructions:

Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

~~~~ SECTION 14 ~~~~ TRANSPORT INFORMATION ~~~~

Shipping Information:

DOT INFORMATION - 49 CFR 172.101

DOT DESCRIPTION: NOT REGULATED

DOT Hazard ClassNot regulated

TDG Hazard ClassNot regulated

~~~~ SECTION 15 ~~~~ REGULATORY INFORMATION ~~~~

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(Not meant to be all inclusive-selected regulations represented)

US Regulations:

Status Of Substances Lists:

The Concentrations Shown In Section II Are Maximum Ceiling Levels (Weight %) to be used for calculations for regulations.

A reportable quantity is a quantity of a hazardous substance that triggers reporting requirements under the Comprehensive Environmental Response Compensation And Liability Act (CERCLA).

If a spill of a substance exceeds it's reportable quantity (RQ) in CFR 302.3, Table 40 302.4 Appendix A & 302.4 Appendix B, the release must be reported to The National Response Center At (800) 424-8802, The State Emergency Response Commission (SERC), And community emergency coordinators likely to be affected.

Components present that could require reporting under the statute are:  
NONE KNOWN

Superfund Amendments And Reauthorization Act Of 1986 (SARA) Title III Requires emergency planning based on the Threshold Quantities (TPQ'S) and release reporting based on Reportable Quantities (RQ'S) In 40 CFR 355 Appendix A&B Extremely Hazardous Substances. The emergency planning and release requirements of 40 CFR 355 apply to any facility at which there is present any amount of any extremely hazardous substance (EHS) equal to or in excess of it's Threshold Planning Quantity (TPQ).

Components present that could require reporting under the statute are:  
NONE KNOWN

EPCRA 40 CFR 372 (Section 313) Requires EPA and the States to annually collect data on releases of certain toxic materials from industrial facilities, and make the data available to the public in the Toxics Release Inventory (TRI). This information must be included in all MSDS'S that are copied and distributed or compiled for this material. Reporting Threshold: Standard: A facility must report if it manufactures (including imports) or processes 25,000 pounds or more or otherwise uses

10,000 pounds or more of a listed toxic chemical during the calendar year. Components present that could require reporting under the statute are:

See Section II

The components of this product are listed or excluded from listing on the US Toxic Substance Control Act (TSCA) chemical substance inventory. Mixtures shall be assumed to present the same health hazards as do the components which comprise one percent (by weight or volume) or greater of the mixture, except that the mixture shall be assumed to present a carcinogenic hazard if it has a component in concentrations of 0.1 percent or greater. The remaining percentage of unspecified ingredients, if any, are not contained in above DeMinimis concentrations and/or are believed to be non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200), and may consist of pigments, fillers, defoamers, wetting agents, resins, dryers, anti-bacterial agents, water and/or solvents in varying concentrations.

International Regulations:

Canadian WHMIS:

DOES NOT CLASSIFY AS HAZARDOUS.

Canadian Environmental Protection Act (CEPA):

NONE KNOWN

EINECS:

NO INFORMATION.

State Regulations:

California:

California Proposition 65: The following Statement is made in order to comply with The California Safe Drinking Water and Toxic Enforcement Act of 1986

"WARNING: This product contains the chemical(s) appearing below known to the State of California to:

A: Cause Cancer

NONE KNOWN

IN ADDITION TO THE ABOVE NAMED CHEMICALS, IF ANY, THIS PRODUCT MAY CONTAIN TRACE AMOUNTS OF SOME CHEMICALS CONSIDERED BY THE STATE OF CALIFORNIA TO BE CARCINOGENS OR REPRODUCTIVE TOXICANTS.

\*If tinted contains Carbon Black: CAS#1333-86-4 and may also contain trace amounts of Crystalline Silica: CAS#14808-60-7

B: Cause Birth Defects or other Reproductive Harm :

NONE KNOWN

In addition to the above named chemical(s) (if any), this product may contain trace amounts of chemicals, known to the State of California, to cause Cancer or Birth Defects and other Reproductive Harm

Delaware:

NONE KNOWN

Florida:

NONE KNOWN

Idaho:

Calcium Carbonate CAS#13765-16-0

Idaho Air Pollutant List:

Title 585--AAC: 0.5 Title 586--AAAC: 5.6E-04

Title 585--EL: 0.67 Title 586--EL: 3.7E-04

Title 585--OEL: -- Title 586--OEF: 1.2E-04

Massachusetts:

CALCIUM CARBONATE, CAS#1317-65-3

SUBSTANCE CODES:4

Titanium Dioxide CAS#13463-67-7 SUBSTANCE CODES:4

Michigan:

NONE KNOWN

Minnesota:

Titanium Dioxide CAS#13463-67-7

Listed In The Minnesota Hazardous Substances List:

Codes: A  
Hazards: --  
Carcinogen? NO

New Jersey:

NONE KNOWN

New York:

NONE KNOWN

Pennsylvania:

CALCIUM CARBONATE CAS#1317-65-3 CODE:E  
Titanium Dioxide CAS#13463-67-7 CODE:--

Washington:

WASHINGTON AIR CONTAMINANT:

CALCIUM CARBONATE (RESPIRABLE) CAS#1317-65-3  
WA ppm mg/Cubic Meter  
TWA UNK 5  
STEL UNK UNK  
CEILING UNK UNK  
SKIN:UNK

Titanium Dioxide (Total Dust) CAS#13463-67-7  
Washington Air Contaminant: ppm mg/Cubic Meter  
TWA UNK 10  
STEL UNK UNK  
CEILING UNK UNK  
SKIN:UNK

Wisconsin:

NONE KNOWN

West Virginia

The following is on the West Virginia Toxic Air Pollutant List:

Ammonium Hydroxide CAS#1336-21-6 (Pounds per Year):

~~~~ SECTION 16 ~~~~ OTHER INFORMATION ~~~~

HMIS® III

Health : 1
Flammability : 0
Physical Hazard : 0

*Following Health rating Indicates Chronic/Carcinogenic Effects

HMIS® III Personal Protection : A

This rating is for the product as it is packaged. This rating will need to be adjusted by the user based on conditions of use.

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