

Safety Data Sheet

1. Identification

Product Information: FM-2

Product Name: Painter's Select Specialty Latex Field Marking Paint - WHITE

Recommended Use: Latex Field Marking Paint

Application Method: Refer to Product Label

Supplied by: GPM
201 Jandus Road
Cary, IL 60013
Telephone: (847) 639-5383

Emergency Telephone: (866)257-3981

2. Hazards Identification

EMERGENCY OVERVIEW: This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS Classification

No GHS Classifications were found

Symbol(s) of Product

No GHS Symbols Exist

Signal Word

No Signal Word has been assigned

Possible Hazards

26% of the mixture consists of ingredients of unknown acute toxicity

3. Composition/Information on Ingredients

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|-------------------------------|----------------|--------------|--------------------|-----------------------|
| CALCIUM CARBONATE (SYNTHETIC) | 471-34-1 | 10-25 | No Information | No Information |
| TITANIUM DIOXIDE | 13463-67-7 | 2.5-10 | No Information | No Information |
| ALUMINUM OXIDE | 1344-28-1 | 0.1-1.0 | GHS07 | H332 |

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures



FIRST AID - INHALATION: Remove person to fresh air. If signs/symptoms continue, get medical attention.

FIRST AID - SKIN CONTACT: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND CLEAN BEFORE REUSE.

FIRST AID - EYE CONTACT: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL HELP IF IRRITATION PERSISTS.

FIRST AID - INGESTION: Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Have the victim drink 8 to 10 ounces (240 - 300 ml) of water to dilute the material in the stomach. If vomiting occurs naturally, have the victim lean forward to

reduce the risk of aspiration. Consult a physician immediately.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: Container may rupture on heating.

SPECIAL FIREFIGHTING PROCEDURES: Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

EXTINGUISHING MEDIA: Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog

6. Accidental Release Measures

ENVIRONMENTAL PRECAUTIONS: No Information

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ISOLATE HAZARD AREA AND KEEP UNNECESSARY PEOPLE AWAY. DO NOT ALLOW THE LIQUID TO ENTER INTO ANY SEWERS, ONTO THE GROUND OR INTO ANY BODY OF WATER. FOR LARGE SPILLS, USE A DIKE AND PUMP INTO APPROPRIATE CONTAINERS. SMALL SPILLS, DILUTE WITH WATER AND RECOVER OR USE NON-COMBUSTIBLE ABSORBENT MATERIAL AND SHOVEL INTO WASTE CONTAINERS.

7. Handling and Storage



HANDLING: KEEP FROM FREEZING.

STORAGE: Store in a cool dry area. KEEP OUT OF REACH OF CHILDREN.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

| <u>Chemical Name</u> | <u>ACGIH TLV-TWA</u> | <u>ACGIH-TLV STEL</u> | <u>OSHA PEL-TWA</u> | <u>OSHA PEL-CEILING</u> |
|-------------------------------|--|-----------------------|---|-------------------------|
| CALCIUM CARBONATE (SYNTHETIC) | 10 mg/m ³ (Inhalable Particulate) | N.E. | 5 mg/m ³ (Respirable Fraction) | N.E. |
| TITANIUM DIOXIDE | 10 mg/m ³ | N.E. | 15 mg/m ³ (Total dust) | N.E. |
| ALUMINUM OXIDE | 1 mg/m ³ (Respirable dust) | N.E. | 5 mg/m ³ (Respirable dust) | N.E. |

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established

Personal Protection



RESPIRATORY PROTECTION: In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator.



SKIN PROTECTION: Sensitive individuals should wear gloves to prevent repeated contact.



EYE PROTECTION: Safety glasses with side-shields



OTHER PROTECTIVE EQUIPMENT: No Information



HYGIENIC PRACTICES: Wash hands before eating, drinking, or smoking.

9. Physical and Chemical Properties

| | | | |
|--------------------------------------|-----------------------------|--|----------------|
| Appearance: | Thick White Liquid | Physical State: | Liquid |
| Odor: | Slight Ammonia Odor | Odor Threshold: | No Information |
| Density, g/cm3: | 1.238 | pH: | 8.5 - 9.5 |
| Freeze Point, °C: | No Information | Viscosity: | 95 - 105 |
| Solubility in Water: | No Information | Partition Coefficient, n-octanol/water: | No Information |
| Decomposition temperature, °C | No Information | | |
| Boiling Range, °C: | 98 - 104 | Explosive Limits, %: | N/A |
| Combustibility: | Does not Support Combustion | Flash Point, °C: | Not Applicable |
| Evaporation Rate: | Slower than Ether | Auto-Ignition Temperature, °C | No Information |
| Vapor Density: | Lighter than Air | Vapor Pressure, mmHg: | No Information |

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

STABILITY: THIS MATERIAL IS STABLE UNDER NORMAL STORAGE AND HANDLING CONDITIONS.

CONDITIONS TO AVOID: AVOID HIGH TEMPERATURES AND FREEZING.

INCOMPATIBILITY: No Information

HAZARDOUS DECOMPOSITION PRODUCTS: MAY GENERATE TOXIC OR IRRITATING COMBUSTION PRODUCTS. MAY GENERATE CARBON MONOXIDE GAS.

11. Toxicological Information



Practical Experiences

EFFECT OF OVEREXPOSURE - INHALATION: Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

EFFECT OF OVEREXPOSURE - SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION.

EFFECT OF OVEREXPOSURE - EYE CONTACT: MILD EYE IRRITANT.

EFFECT OF OVEREXPOSURE - INGESTION: May be harmful if swallowed. May cause gastrointestinal disturbance.

EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS: No Information

CARCINOGENICITY: IARC lists Titanium Dioxide as a possible human carcinogen (Group 2B)

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Contact

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|----------------------|----------------------|-------------------------|-------------------|
| 13463-67-7 | TITANIUM DIOXIDE | > 5,000 mg/kg (Rat) | > 10,000 mg/kg (Rabbit) | N.I. |
| 1344-28-1 | ALUMINUM OXIDE | > 10,000 mg/kg (Rat) | N.I. | N.I. |

N.I. = No Information

12. Ecological Information

ECOLOGICAL INFORMATION: No Information

13. Disposal Information



Product

DISPOSAL METHOD: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. ALL DISPOSAL METHODS MUST BE IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL, AND LOCAL LAWS AND REGULATIONS.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ISOLATE HAZARD AREA AND KEEP UNNECESSARY PEOPLE AWAY. DO NOT ALLOW THE LIQUID TO ENTER INTO ANY SEWERS, ONTO THE GROUND OR INTO ANY BODY OF WATER. FOR LARGE SPILLS, USE A DIKE AND PUMP INTO APPROPRIATE CONTAINERS. SMALL SPILLS, DILUTE WITH WATER AND RECOVER OR USE NON-COMBUSTIBLE ABSORBENT MATERIAL AND SHOVEL INTO WASTE CONTAINERS.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: Not Regulated by DOT

| | | | |
|----------------------------------|---------------|--------------------------|----------------|
| DOT Proper Shipping Name: | Not Regulated | Packing Group: | Not Regulated |
| DOT Technical Name: | Not Regulated | Hazard SubClass: | Not Regulated |
| DOT Hazard Class: | Not Regulated | Resp. Guide Page: | No Information |
| | | DOT UN/NA Number: | Not Regulated |

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

None Known

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| AMMONIUM HYDROXIDE | 1336-21-6 |
| FORMALDEHYDE | 50-00-0 |

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

U.S. State Regulations:

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product.

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
|----------------------|----------------|

WATER

7732-18-5

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

Chemical Name

WATER

CAS-No.

7732-18-5

CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Chemical Name

CRYSTALLINE SILICA
 FORMALDEHYDE
 ETHYLENE OXIDE
 1,4-DIOXANE
 ACETALDEHYDE
 ETHYL ACRYLATE

CAS-No.

14808-60-7
 50-00-0
 75-21-8
 123-91-1
 75-07-0
 140-88-5

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

Chemical Name

ETHYLENE OXIDE

CAS-No.

75-21-8

International Regulations: As follows -**CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class No Information

16. Other Information

Revision Date: 2/28/2018 **Supersedes Date:** New MSDS
Reason for revision: No Information
Datasheet produced by: Regulatory Department

HMIS Ratings:

| | | | | | | | |
|----------------|---|----------------------|---|--------------------|---|-----------------------------|------|
| Health: | 1 | Flammability: | 0 | Reactivity: | 0 | Personal Protection: | N.I. |
|----------------|---|----------------------|---|--------------------|---|-----------------------------|------|

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H332 Harmful if inhaled.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS07



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.