

Safety Data Sheet



1. Identification

| | | | |
|-----------------------------|--|-------------------------|--|
| Product Name: | METPT 1-GL SAGE | Revision Date: | 12/10/2021 |
| Product Identifier: | ME247GAL | Supersedes Date: | 7/5/2018 |
| Recommended Use: | Metallic Paint/Waterborne | | |
| Supplier: | Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA | Manufacturer: | Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA |
| Preparer: | Regulatory Department | | |
| Emergency Telephone: | 24 Hour Hotline: 847-367-7700 | | |

2. Hazards Identification

Classification

Symbol(s) of Product



Signal Word

Warning

Possible Hazards

9% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

Carcinogenicity, category 2 H351 Suspected of causing cancer.

GHS LABEL PRECAUTIONARY STATEMENTS

| | |
|-----------|--|
| P201 | Obtain special instructions before use. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container in accordance with local, regional and national regulations. |
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |

3. Composition / Information on Ingredients

HAZARDOUS SUBSTANCES

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt.% Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|----------------------|----------------|-------------------|--------------------|-----------------------|
| Mica | 12001-26-2 | 2.5-10 | Not Available | Not Available |
| Aluminum Flake | 7429-90-5 | 2.5-10 | GHS02 | H228-250-261 |
| Titanium Dioxide | 13463-67-7 | 1.0-2.5 | Not Available | Not Available |

Not Yet Specified

| | | | | |
|-----------------------------------|------------|---------|-------------------------|----------------------|
| Hydrous Magnesium Silicate | 14807-96-6 | 1.0-2.5 | Not Available | Not Available |
| Polyethylene-Polypropylene Glycol | 9003-11-6 | 0.1-1.0 | GHS06 | H330 |
| Vinyl Acetate | 108-05-4 | 0.1-1.0 | GHS02-GHS07-GHS08 | H225-332-335-351 |
| Ethylene Glycol Monobutyl Ether | 111-76-2 | 0.1-1.0 | GHS07 | H302-312-315-319-332 |
| 3-Iodo-2-Propynyl Butyl Carbamate | 55406-53-6 | <0.1 | GHS05-GHS06-GHS07-GHS08 | H302-317-318-331-372 |

4. First-Aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed. Remove contact lenses, if present and easy to do. Continue rinsing.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. If swallowed, rinse mouth with water. If feeling unwell, get medical attention.

5. Fire-Fighting Measures

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F. No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

Special Fire and Explosion Hazard (Combustible Dust): No Information

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

| Chemical Name | CAS-No. | Weight % Less Than | ACGIH TLV- TWA | ACGIH TLV- STEL | OSHA PEL- TWA | OSHA PEL- CEILING |
|----------------------------|------------|-----------------------|-------------------|--------------------|------------------|----------------------|
| Mica | 12001-26-2 | 10.0 | 0.1 mg/m3 | N.E. | N.E. | N.E. |
| Aluminum Flake | 7429-90-5 | 5.0 | 1 mg/m3 | N.E. | 15 mg/m3 | N.E. |
| Titanium Dioxide | 13463-67-7 | 5.0 | 10 mg/m3 | N.E. | 15 mg/m3 | N.E. |
| Hydrous Magnesium Silicate | 14807-96-6 | 5.0 | 2 mg/m3 | N.E. | N.E. | N.E. |

Not Yet Specified

| | | | | | | |
|-----------------------------------|------------|-----|--------|--------|--------|------|
| Polyethylene-Polypropylene Glycol | 9003-11-6 | 1.0 | N.E. | N.E. | N.E. | N.E. |
| Vinyl Acetate | 108-05-4 | 1.0 | 10 ppm | 15 ppm | N.E. | N.E. |
| Ethylene Glycol Monobutyl Ether | 111-76-2 | 1.0 | 20 ppm | N.E. | 50 ppm | N.E. |
| 3-Iodo-2-Propynyl Butyl Carbamate | 55406-53-6 | 0.1 | N.E. | N.E. | N.E. | N.E. |

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Measures for Combustible Dust: No Information

9. Physical and Chemical Properties

| | | | |
|---------------------------------|-----------------------------|--|------------|
| Appearance: | Liquid | Physical State: | Liquid |
| Odor: | Mild | Odor Threshold: | N.E. |
| Specific Gravity: | 1.145 | pH: | N.A. |
| Freeze Point, °C: | N.D. | Viscosity: | N.D. |
| Solubility in Water: | Miscible | Partition Coefficient, n-octanol/water: | N.D. |
| Decomposition Temp., °C: | N.D. | Explosive Limits, vol%: | 2.6 - 12.6 |
| Boiling Range, °C: | 93 - 5,537 | Flash Point, °C: | 93 |
| Flammability: | Does not Support Combustion | Auto-Ignition Temp., °C: | N.D. |
| Evaporation Rate: | Slower than Ether | Vapor Pressure: | N.D. |
| Vapor Density: | Heavier than Air | | |

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

Conditions to Avoid: Flammable hydrogen gas will evolve when product comes in contact with water or damp air. Heat will be generated. The amount of heat generated will depend upon the volume of material in contact. Avoid excess heat. Keep from freezing.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

Hazardous Decomposition: When heated to decomposition, it emits acrid smoke and irritating fumes.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

11. Toxicological Information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Irritating, and may injure eye tissue if not removed promptly.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Low hazard for usual industrial handling or commercial handling by trained personnel.

EFFECTS OF OVEREXPOSURE - INHALATION: High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. Constituents of this product include crystalline silica dust which, if inhalable, can may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

EFFECTS OF OVEREXPOSURE - INGESTION: Substance may be harmful if swallowed.

Not Yet Specified

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Contains residual amounts of vinyl acetate. IARC list vinyl acetate as a possible human carcinogen (Group 2B). This means there is inadequate evidence of carcinogenicity of vinyl acetate in humans and limited evidence of vinyl acetate in experimental animals. Risk of cancer depends on duration and exposure and actual concentration of vinyl acetate in the formula. Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010)

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, 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> |
|----------------|-----------------------------------|------------------|--------------------|-------------------|
| 12001-26-2 | Mica | N.E. | N.E. | 25000 |
| 13463-67-7 | Titanium Dioxide | >10000 mg/kg Rat | 2500 mg/kg | N.E. |
| 14807-96-6 | Hydrous Magnesium Silicate | 6000 | N.E. | 30 |
| 9003-11-6 | Polyethylene-Polypropylene Glycol | 5700 mg/kg Rat | N.E. | .3 mg/L Rat |
| 108-05-4 | Vinyl Acetate | 2900 mg/kg Rat | 2335 mg/kg Rabbit | N.E. |
| 111-76-2 | Ethylene Glycol Monobutyl Ether | 470 mg/kg Rat | 1,060 mg/kg Rabbit | 11 mg/L |
| 55406-53-6 | 3-Iodo-2-Propynyl Butyl Carbamate | 1470 mg/kg Rat | >2000 mg/kg Rat | N.E. |

N.E. - Not Established

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components. No ecotoxicity data was found for this product.

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances.

14. Transport Information

| | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|------------------------------|-------------------------|-----------------------------|-------------------|---------------------|
| UN Number: | N.A. | N.A. | N.A. | N.A. |
| Proper Shipping Name: | Not Regulated | Not Regulated | Not Regulated | Not Regulated |
| Hazard Class: | N.A. | N.A. | N.A. | N.A. |
| Packing Group: | N.A. | N.A. | N.A. | N.A. |
| Limited Quantity: | No | No | No | No |

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:

Carcinogenicity

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> |
|----------------------|----------------|
|----------------------|----------------|

Not Yet Specified

| | |
|-----------------------------------|------------|
| Aluminum Flake | 7429-90-5 |
| Vinyl Acetate | 108-05-4 |
| Ethylene Glycol Monobutyl Ether | 111-76-2 |
| 3-Iodo-2-Propynyl Butyl Carbamate | 55406-53-6 |

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 12(b) components exist in this product.

U.S. State Regulations:**California Proposition 65****WARNING:**

Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

16. Other Information**HMIS RATINGS**

| | | | | | | | |
|---------|----|---------------|---|------------------|---|----------------------|---|
| Health: | 2* | Flammability: | 1 | Physical Hazard: | 0 | Personal Protection: | X |
|---------|----|---------------|---|------------------|---|----------------------|---|

NFPA RATINGS

| | | | | | |
|---------|---|---------------|---|--------------|---|
| Health: | 2 | Flammability: | 1 | Instability: | 0 |
|---------|---|---------------|---|--------------|---|

Volatile Organic Compounds: 96 g/L

SDS REVISION DATE: 12/10/2021

REASON FOR REVISION:

Product Composition Changed
Substance and/or Product Properties Changed in
Section(s):
02 - Hazard Identification
09 - Physical & Chemical Properties
16 - Other Information
Revision Statement(s) Changed

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

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