Anti-Fungal Coating - Colored Paint

1. IDENTIFICATION


Recommended use: As a coating / paint to control the growth of fungi, algae, bacteria.

Prepared by: Safety Department

Source: US Specialty Coatings / 1000 McFarland 400 Blvd / Alpharetta, GA 30004 USA

Company Phone Number: 770-740-8123 or (800) 278-7473 / Fax: 770-740-8125

www.usspecialtycoatings.com

Emergency Telephone (24 Hours):

INFOTRAC 352-323-5500 (International) 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Signal word: Warning!

Hazard statements
Causes skin and eye irritation
Harmful if swallowed
May be harmful if inhaled
Harmful if absorbed through skin

Appearance: Color: Clear emulsion

Physical state: Liquid / Odor: None

Precautionary Statements:

STORAGE
Precautionary Statements: DISPOSAL

3. COMPOSITION / INFORMATION on INGREDIENTS

Prepared by: Safety Department
Issue Date: 10-17-2016 Revision Date: 01-25-2017

Chemical Name CAS No Weight-%

Chlorothalnil 29911-28-2 1 - 5 %

Titanium Dioxide 13463-67-7 15 - 30 %

Talc 14807-96-6 5 - 17 %

Butyl Cellusolve 111-76-2 5 - 15 %

Calcium Carbonate 00471-34-1 5 - 15 %

Propylene Glycol 141-43-5 + 1 %

Lactex water-based 108-05-4 10 % - 25 %

Water 7732-18-5 40 % - 55 %

4. FIRST AID MEASURES

INHALATION: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician immediately.

EYE CONTACT: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get immediate medical advice/attention.

INGESTION: Rinse mouth. DO NOT induce vomiting (aspiration risk). Drink 1/2 cup water, citrus fruit juice, or milk. Call a physician or poison center immediately.

SKIN CONTACT: Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. Call a physician if you feel unwell.

section 4 continued (FIRST AID MEASURES)

Most important symptoms and effects, both acute and delayed Contact will cause irritation and redness to exposed areas. Causes painful stinging of eyes and lids, watering of eyes. Prolonged contact may even cause severe skin irritation. Overexposure by inhalation may cause CNS depression, drowsiness, dizziness, confusion headache or loss of coordination. Ingestion will irritate mouth, throat and/or stomach. Indication of any immediate medical attention and special treatment needed: Note to physicians: Treat symptomatically.

5. FIRE-FIGHTING MEASURES


Specific hazards arising from the chemical: Combustible material. Keep containers cool. Protective equipment and precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Ensure personal safety. Do not inhale dust/fume/shard of. Remove any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Use personal protection recommended in Section 8.

Methods for containment. Prevent further leakage or spillage if safe to do so.

7. HANDLING AND STORAGE

Precautions for safe handling Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Use personal protection recommended in Section 8. Use only in well-ventilated areas. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Protect product quality by keeping containers tightly closed when not in use, avoid pouring unused material back into original container. Never use food or beverage containers to measure or transport this product. Empty containers contain residues and should not be used for food or beverage.

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children and pets. Protect from direct sunlight. Store at 40-95°F. Packaging materials: Keep in original container. Incompatible materials: Bleach, strong acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate Engineering Controls
Apply technical measures to comply with the occupational exposure limits. Individual protection measures, Appropriate Personal Protective Equipment:

Eye/face protection: Wear safety glasses

Skin and body protection: Wear butyl rubber or neoprene gloves in good condition. Leaky gloves may be worse than no gloves. Remove gloves without touching outside. When used on floors, avoid sneakers, wear rubber overshoes with attached pads for traction, rubber apron, as appropriate, to prevent skin contact.

Respiratory protection: Use personal protection equipment as required. Respiratory protection: Not normally required. However respirator with carbon filter cartridges, such as as ABEX (EN 14387), may be used if engineering controls are not adequate. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

pH 7 to 8
MELTING point/freezing point Not determined
Boiling point/flash point range 100 °C / 212 °F
Flash point Non Flammable
Evaporation rate 1.0
Flammability (solid, gas) n/a-liquid
Flammability limits in air: Not determined
Upper flammability limit Not determined
Lower flammability limit Not determined
Vapor pressure Not determined
Vapor density Heavier than air

Specific gravity Not determined
Water solubility Not determined
Solubility in other solvents Not determined
Partition coefficient Not determined
Autoignition temperature Not determined
Decomposition temperature Not determined
Kinematic viscosity Not determined
Dynamic viscosity Not determined
Explosive properties Not determined
Oxidizing properties Not determined

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10. STABILITY AND REACTIVITY
Reactivity: Not reactive under normal conditions.
Chemical stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: None under normal processing.
Hazardous polymerization: Hazardous polymerization does not occur.
Conditions to avoid: Incompatible materials. Heat.
Hazardous Decomposition Products: Under normal conditions of storage and use no hazardous decomposition products should be produced.

11. TOXICOLOGICAL INFORMATION
Information on likely routes of exposure
Inhalation: Harmful if inhaled
Eye contact: Irritating to eyes
Skin Contact: Harmful if absorbed through skin
Ingestion: Harmful if ingested

Information on physical, chemical and toxicological effects:
See section 4 of this SDS for Symptoms

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Carcinogenicity: Not classifiable as a human carcinogen.
May cause respiratory irritation. May cause drowsiness or dizziness.
Numerical measures of toxicity - Not determined

12. ECOLOGICAL INFORMATION
Ecotoxicity: Harmful to aquatic life.
Persistence and degradability: Not determined.
Bioaccumulation: Not determined. Contains no known bioaccumulative ingredients.
Mobility: Not determined.
Other adverse effects: Not determined for this blend
Persistence and degradability: Not determined for this blend
Bioaccumulation: Not determined. Contains no known bioaccumulative ingredients.
Mobility: Not determined.
Other adverse effects: Not determined

13. DISPOSAL CONSIDERATIONS
Waste treatment methods: Dispose of wastes in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging disposal should be in accordance with applicable regional, national and local laws.

14. TRANSPORT INFORMATION
IMDG: Not a dangerous good. Not a marine pollutant.
UN #: Non regulated.
IATA: This blend is not specifically regulated but contains an IATA regulated substance: UN 3334, Aviation regulated liquid, n.o.s. (benzyl alcohol), Class 9 (PG: N/A)

15. REGULATORY INFORMATION
U.S. Federal regulations : SARA 313
SARA 311 / 312
Classification : Immediate (acute) health hazard
Delayed (chronic) health hazard
No Fire hazard.
No Sudden release of pressure.
No Reactive (acute) health hazard.
Immediate Cronic health hazard : Yes
Delayed (chronic) health hazard : Yes

FDA: This product is not allowed for food contact use.
CERCLA: Hazardous substances: No products were found.
EPA Reg. No.: 1448-372
Potential impurities present in trace quantities are included in the regulatory listings of this section.

FIFRA: This chemical is a pesticide product registered by the United States Environment Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of nonpesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use. May be harmful if inhaled. Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Do not breathe spray mist. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Personal Protection Equipment (PPE): Handlers must wear: long-sleeved shirt and long pants; shoes plus socks; protective eyewear; waterproof gloves (some of the materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyethylene, polyvinyl chloride, or viton. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.) Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. DO NOT reuse them.

User Safety Recommendations: Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove PPE after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to aquatic invertebrates and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.