

Material Safety Data Sheet

Section I - Product Identification

Product Name: Grass Green Rec-Tech Finish
Manufacturer's Name: Maintenance, Inc.
Address: PO Box 408, Wooster, Ohio 44691
Phone Number: 330-264-6262 (Maintenance, Inc.)
Chemical Emergency Phone Number: 1-800-424-9300
Trade Name: Tennis court color coating.
Chemical Family: Acrylic coating.
Formula: 9/19/90
Effective Date: 12/11/08
Date Superseded: 3/23/08

Section II - Hazardous Ingredients

Silica Crystalline

CAS #14808-60-7
% by wt. 1-5%
Listed in SARA Title III, Section 313: No
OSHA PEL: 0.1 mg/m³ (dust)
ACGIH TLV: 0.1 mg/m³ (dust)
STEL: N/A
LC50: Human > 0.3 ppm
LD50: N/A

Ethylene Glycol

CAS #107-21-1
% by wt. 2-6%
Listed in SARA Title III, Section 313: Yes
OSHA PEL: N/A
ACGIH TLV: 50 ppm (fumes)
STEL: 50 ppm (ceiling)
LC50: N/A
LD50: Oral Rat 4700 mg/kg
Dermal Rabbit 9530 mg/kg

Cellulosic Fibers

CAS #65996-61-4
% by wt. 1-5%
Listed in SARA Title III, Section 313: No
OSHA PEL: 15 mppcf
ACGIH TLV: 5 mg/m³
STEL: 5 mg/m³
LC50: N/A
LD50: N/A

Chromic Oxide

CAS #1308-38-9
% by wt. 3-6%
Listed in SARA Title III, Section 313: Yes
OSHA PEL: 0.5 mg/m³
ACGIH TLV: 0.5 mg/m³
STEL: N/A
LC50: N/A
LD50: Oral Rat 80 mg/kg

Mica

CAS #12001-26-2
% by wt. 1-5%
Listed in SARA Title III, Section 313: No
OSHA PEL: 20 mppcf (dust)
ACGIH TLV: 3 mg/m³ (dust)
STEL: N/A
LC50: N/A
LD50: N/A

Section II - Nonhazardous Ingredients

Water

CAS# 7732-18-5
% by wt. >3%

Acrylic Polymer

CAS# N/A
% by wt. >3%

N/A = Not available or applicable

Ingredients total wt. % are below 100% only if all others unlisted are not considered hazardous by any federal (OSHA, WHMIS, SARA), any state or province, or local Right-To-Know regulations.

Section III - Physical Data

Boiling Point (degrees F/C): >212°F (100°C)

Vapor Pressure (mm Hg.): 25

Vapor Density (Air = 1): 0.6

Solubility in Water: Miscible

Appearance and Odor: Viscous green latex coating.

Physical State: Liquid

Freeze Point (degrees F/C): 32°F (0°C)

Specific Gravity: 1.18

% Volatile (by volume): 71.33

Evaporation Rate: Slower than ether.

Water/Oil Dist. Coeff.: N/A

Threshold Odor, ppm: N/A

pH: 7.5-9.5

VOC: lb. VOC/gal: 0.74; Grams VOC/Liter: 89; Grams VOC/Grams Solid: N/A; % VOC 8%

Section IV - Fire & Explosion Hazard Data

Classification: N/A

Flash Point (method used): N/A

Flammable Limits: LEL: N/A UEL: N/A

Combustion Products: CO₂, CO, pyrolysis products.

Extinguishing Media: Foam, dry chemical, carbon dioxide.

Special Fire Fighting Procedures: Firefighters should wear self-contained breathing equipment.

Unusual Fire and Explosion Hazards: Exposure to fire, heat or prolonged sunlight may cause bursting. Water may be used to keep adjacent containers cool.

Impact Sensitive: No

Static Sensitive: No

Explosion Power: N/A

Burning Rate: N/A

Section V - Health Hazard Data

Routes of Entry: Eyes, inhalation, skin, ingestion.

Effect of Overexposure:

May cause eye irritation. Vapors can cause severe conjunctivitis. May cause skin irritation. Excess inhalation of vapors may cause respiratory irritation, dizziness, weakness, fatigue, nausea, headache. Overexposure can cause neurological damage. Ingestion causes nausea, cramps, vomiting, diarrhea or gastrointestinal irritation.

NOTE: Contains encapsulated silica-crystalline. Normal product usage should not result in respirable dust that would be hazardous to the respiratory system.

WARNING: This product contains a chemical known to the State of California to cause cancer.

Any Suspected Carcinogen >or= 0.1%: No

Emergency and First Aid Procedures:

Eyes: Immediately flush with plenty of water for 15 minutes and call a physician.

Inhalation: If affected, remove to fresh air.

Skin: Wash thoroughly with plenty of water and soap. Remove contaminated clothing and launder before reuse.

Ingestion: If vomiting begins, keep head below hips to avoid aspiration into lungs. Seek a physician immediately, show MSDS or label. DO NOT induce vomiting. If conscious, give 1-2 glasses of water.

Section VI - Reactivity Data

Stability: Stable

Conditions to Avoid: Keep from freezing.

Incompatibility (materials to avoid): Strong oxidizing agents, strong acids and selected amines.

Hazardous Decomposition Products: Thermal decomposition may yield CO and CO₂.

Hazardous Polymerization: Will not occur.

Section VII - Spill or Leak Procedures

SARA Title III:

#302: No #304 CERCLA: No #313: See Section II

Steps to be Taken In Case Material is Released or Spilled: Ventilate the area. Wear suitable protective clothing, gloves and eye/face protection. Clean up with absorbent material. Put in a sealed approved container. Dispose of as a non-hazardous waste in accordance with federal, state and local regulations.

Section VIII - Safe Handling & Protection Information

Respiratory Protection: Use only in well ventilated areas. If ventilation is inadequate, wear approved respiratory equipment.

Ventilation:

Local Exhaust: Recommended

Mechanical (general): Recommended

Special: N/A

Other: N/A

Protective Gloves: Wear protective gloves.

Eyes Protection: Wear safety glasses, goggles or face shield.

Other Protective Equipment: N/A

Estimated LD50, MG/KG: N/A

Estimated: LC50, MG/KG: N/A

Sensitization: No

Irritant: N/A

Section IX - Special Precautions

Keep out of reach of children.

For professional and industrial use only.

Always read label plus precautions and follow directions carefully.

Keep from freezing.

Avoid contact with eyes, skin, and clothing.

Wear suitable protective clothing, gloves and eye/face protection.

Wash thoroughly after using.

Do not breathe vapor or spray mist.

Use only in well ventilated areas.

Keep containers closed when not in use.

DO NOT TAKE INTERNALLY.

Additional Technical Data Sheets and/or MSDSs are available upon request.

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