

SAFETY DATA SHEET

Product: CP4050
Revision Date: 6/01/2015

1. MATERIAL IDENTIFICATION

Product Name: Corr-Paint CP4050

Product Description: Silicone-Ceramic Coating, Green Liquid, And Solvent Odor
Product Use: High Temperature Protective Coating

Manufacturer: Aremco Products, Inc.
707-B Executive Blvd.
Valley Cottage, NY 10989

Telephone: 845-268-0039
Emergency Phone: 845-268-0039 or Infotrac (24/7) 800-535-5053

2. HAZARDS IDENTIFICATION

GHS Classification:
Skin Irritation Category 2
Eye Irritation Category 2

GHS Symbols:



GHS Signal Word:
Warning

GHS Hazard Determining Components:

Silicon Emulsion
Cobalt Titanate Green Spinel
Mica
Titanium Dioxide
Trizinc Bis (Orthophosphate)
Zinc Oxide

GHS Hazard Statements for Health Hazards:

H315 Causes skin irritation
H319 Causes serious eye irritation

GHS Precautionary Statements - Prevention:

P233 Keep container tightly closed.
P280 Wear protective gloves/eye protection/face protection.

GHS Precautionary Statements - Response:

P312 Call a poison center or physician if you feel unwell.
P303 + P361 + P353 IF ON SKIN: Remove contaminated clothing and rinse skin with water.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.

GHS Precautionary Statements – Storage & Disposal:

P403 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION

Ingredient	CAS No.	EC No.	Concentration	GHS Product Identifier
Cobalt Titanate Green Spinel	68186-85-6	269-047-4	10.0-20.0%	None
Mica	12001-26-2	301-127-6	5.0-10.0%	H335 STOT, SE; Respiratory Tract Irritation, Cat 3
Titanium Dioxide	13463-67-7	236-675-5	1.0-5.0%	None
Trizinc Bis (Orthophosphate)	7779-90-0	231-944-3	< 4.0%	H400 Aquatic Acute, Cat 1 H410 Aquatic Chronic, Cat 1
Zinc Oxide	1314-13-2	215-222-5	< 1.0%	H400 Aquatic Acute, Cat 1 H410 Aquatic Chronic, Cat 1
Water	7732-18-5	231-791-2	20.0-30.0%	N/A
Silicone Emulsion Including:			30.0-50.0%	H226 Flammable Liquids, Cat 3 H315 Skin Irritation, Cat 2 H319 Eye Irritation, Cat 2
Water (40.0-50.0%)	7732-18-5	NA		N/A
Xylene (5.0-10.0%)	1330-20-7	215-535-7		H226 Flammable Liquids, Cat 3 H312 Acute Toxicity, Dermal, Cat 4 H315 Skin Corrosion/Irritation, Cat 2 H332 Acute toxicity, Inhalation, Cat 4
Methanol (0.5-1.0%)	67-56-1	200-659-6		H225 Flammable Liquids, Cat 2 H301 Acute Toxicity, Oral, Cat 3 H311 Acute Toxicity, Dermal, Cat 3 H331 Acute Toxicity, Inhalation, Cat 3 H370 STOT SE, Oral, Skin, Dermal, Cat 1
1-Propanol, 2-Methyl-(2.5-5.0%)	78-83-1	201-148-0		H226 Flammable Liquids, Cat 3 H315 Skin Corrosion/Irritation, Cat 2 H318 Serious Eye Damage/Eye Irritation, Cat 1 H335 STOT, SE; Respiratory Tract Irritation, Cat 3 H336 STOT, SE; Narcotic Effects, Cat 3
Ethyl Benzene (1.0-2.5%)	100-41-4	202-849-4		H225 Flammable Liquids, Cat 2 H332 Acute toxicity, Inhalation, Cat 4

4. FIRST AID MEASURES

After eye contact:	Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention, preferably with an ophthalmologist.
After skin contact:	Immediately wipe excess material off skin with a dry cloth then wash with soap and water for at least 5 minutes.
After inhalation:	In case of inhalation due to <u>spray mist</u> , remove source of exposure and assure that victim is breathing. If not breathing, administer cardio-pulmonary resuscitation (CPR).
After ingestion:	If swallowed, do not induce vomiting. If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.
Medical Conditions Possibly Aggravated by Exposure:	Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.

5. FIRE FIGHTING MEASURES

Flash Point:	> 200 °F
Flammable Limits:	Not measured.
Extinguishing Media:	Foam, carbon dioxide, dry powder, water spray.
Special Fire Fighting Procedures:	Firefighters should wear NIOSH/MSHA approved positive pressure breathing apparatus with full face-piece and full chemical resistant protective clothing. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later.
Unusual Fire and Explosion Hazards:	This material can release carbon monoxide, carbon dioxide, and silicon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection:	Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots. Use NIOSH approved respirator where mist occurs.
Spill Cleanup:	Ensure adequate ventilation. Take up with absorbent material (e.g., sand). Dispose of absorbed material in accordance with federal, state and local regulations or permits. Flush area with water to complete cleanup.

7. HANDLING AND STORAGE

Handling: Ensure adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Keep container closed. Promptly clean residue from closures with cloth dampened with water. Promptly clean up spills.

Storage: Store in an area that is cool, dry, well ventilated, away from combustible material, and away from ignition sources. Keep containers closed. Store in clean plastic or stainless steel containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient	CAS No.	EC No.	TLV (mg/m ³)	PEL (mg/m ³)
Cobalt Titanate Green Spinel	68186-85-6	269-047-4	Not established	Not established
Mica	12001-26-2	310-127-6	Not established	Not established
Titanium Dioxide	13463-67-7	236-675-5	10	10
Trizinc Bis (Orthophosphate)	7779-90-0	231-944-3	2	5
Zinc Oxide	1314-13-2	215-222-5	2	5
Water	7732-18-5	NA	N/A	N/A
Silicone Emulsion Including:				
Water	7732-18-5	NA	N/A	N/A
Xylene	1330-20-7	215-535-7	440	440
Methanol	67-56-1	200-659-6	270	270
1-Propanol, 2-Methyl-	78-83-1	201-148-0	310	310
Ethyl Benzene	100-41-4	202-849-4	N/D	N/D

Engineering Controls: Use with adequate ventilation. Keep containers closed. Safety shower and eyewash fountain should be within direct access.

Respiratory Protection: If exposure limits are exceeded and local ventilation is unavailable, a supplied-air respirator or a self-contained NIOSH-approved dust and mist respirator is required.

Skin Protection: Wear body-covering protective clothing and gloves. A protective glove made of fluorinated rubber is recommended.

Eye Protection: Wear chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical here represent typical properties of this product. Contact Technical Sales for exact specifications.

Appearance: Liquid
Color: Green
Odor threshold: No available information
Odor: Xylene
pH: 6-8
Specific Gravity, g/cc: 1.31
Water Solubility: Miscible
Melting Point Range: No available information
Boiling Point Range: 212 °F
Vapor Pressure: No available information
Vapor Density (air=1): No available information
VOC Content, g/l: 0.98 lbs/gal
Viscosity: 500-750 cP
Decomposition temperature: No available information
Auto-ignition temperature: No available information
Partition coefficient: No available information
Flash point: > 200 °F
Flammability: No available information
Evaporation rate: No available information

10. STABILITY AND REACTIVITY

Chemical Stability: This material is stable under all conditions of use and storage.
Conditions to Avoid: Contact with strong oxidizing agents.
Materials to Avoid: Reacts with oxidizing agents.
Hazardous Decomposition Products: None with proper storage and handling.
Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Note: Due to the composition of the product it cannot be excluded that prolonged and repeated contact will result in irritation of the eyes. Proper use provided, no adverse health effects have been observed or have come to our attention.

Acute Toxicity Data: Not available
Chronic Toxicity Data: Not available
NTP Listing: Not listed
IARC Listing: Not listed

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not tested, but should not be allowed to enter soil or waterways.
Environmental Fate: Not tested.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Dispose in accordance with federal, state and local regulations and permits.

14. TRANSPORTATION INFORMATION

DOT UN Status: The material is not a regulated hazardous material for transportation.

15. REGULATORY INFORMATION

U.S. Federal Regulations

CERCLA:

<u>CAS No.</u>	<u>Lbs</u>
1330-20-0	100

TSCA: All ingredients of this material are listed on the TSCA inventory.

SARA Section 313:

<u>Components</u>	<u>CAS No.</u>	<u>Concentration (%)</u>
Methanol	67-56-1	0-0 (0.87)
Xylenes (o-, m-, p- Isomers)	1330-20-7	0-0 (7.27)
Ethyl benzene	100-41-4	0-0 (2.42)



SARA Sections 311, 312:

<u>Hazard Classes</u>	<u>Yes/No</u>
Fire	No
Reactivity	No
Pressure	No
Immediate	Yes
Delayed	No

International Inventory

<u>Country</u>	<u>Status</u>
Canada (DSL)	Yes
Europe (EINECS/ELINCS)	Yes
Australia (AICS)	Yes
Japan (MITI)	Yes
South Korea (KECL)	Yes

16. OTHER INFORMATION

NFPA Ratings (scale 0 – 4)	Health, 1 Flammability, 0 Reactivity, 0 Personal Protection, G	
HMIS Ratings (scale 0 – 4)	Health, 1 Flammability, 0 Reactivity, 0 Personal Protection, G	

Key Legend Information

ACGIH	American Conference of Governmental Industrial Hygienists
ARD	International Agency for Research on Cancer
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
DSL	Domestic Substance List
EC	European Commission
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
ND	Not Determined
NE	Not Established
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RE	Repeat Exposure
RTECS	Registry of Toxic Effects of Chemical Substances
SARA	Superfund Amendments & Reauthorization Act
SARA Title III	Emergency Planning & Community Right to Know Act
SARA Section 302	Extremely Hazardous Substances
SARA Section 304	Emergency Release
SARA Section 311	MSDS/List of Chemicals & Hazardous Inventory
SARA Section 312	Emergency & Hazardous Inventory
SARA Section 313	Toxic Chemicals & Release Reporting
SE	Single Exposure
STEL	Short Term Exposure Limit
STOT	Specific Target Organ Toxicity
TLV	Threshold Limit Value
TWA	Time Weighted Average

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