

Safety Data Sheet

Manufacturer Name:
FMI PAINT AND CHEMICAL
14 Eastern Park Rd.
East Hartford, CT 06108

Emergency Phone: (800-424-9300)
Contact Chemtrec: CCN201349
Information Phone: (860)-218-2210

Latest Revision: 11-21-16

Section I: Product Identification

Product No.: 418
Product Name: MetalBond Spray Formulation Medium Gray
Product Class: Direct To Metal Coating
Restrictions on use: FOR INDUSTRIAL USE ONLY!

Section II: Hazardous Identification

Classification

Some of the chemicals in this formulation are considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)



Signal word: DANGER

Section III: Composition/Ingredients

<i>Ingredient Hg @ temp.</i>	<i>CAS No.</i>	<i>Weight Percent</i>	<i>Occupational Exposure Limits</i>	<i>Vapor pressure mm</i>
AMP 95 Hg/20deg. C	124-68-5	<1%	N/A	<1 mm
Titanium Dioxide	13463-67-7	<3	ACGIH TLV 10 mg/m3 as dust OSHA PEL 10 mg/m3 as dust	N/A
Isopropyl Alcohol	67-63-0	9%	ACGIH 400ppm TWA-8hrs	32.4 mm Hg at 68°F

Section IV: First Aid Measures

Flammability Classification: Non-flammable or explosive

General Advice Call a poison control center or Doctor immediately for treatment advice. Show this safety Data sheet to the doctor in attendance.

Eye contact Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, and then continue rinsing the eye. Call a poison control center or doctor for treatment advice.

Skin Wash with soap and water. If irritation persists, seek medical attention.

Inhalation Move to fresh air. If breathing is affected, call doctor.

Ingestion Do not induce vomiting unless told to do so by a poison control center or a doctor. Do not give anything by mouth to an unconscious person. If vomiting occurs keep head below hips.

Section V: Firefighting Measures

EXTINGUISHING MEDIA: Water spray, foam dry powder or carbon dioxide

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may cause a flash fire or ignite explosively. Prevent buildup of vapors or gases.

SPECIAL FIRE FIGHTING PROCEDURES: Use water to keep closed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so safely.

FLAMMABILITY CLASSIFICATION: Class 1

FLASH POINT: Closed Cup (>208.4F.) {Pesky Martens]

Explosive Limit: No data Available

Section VI: Accidental Release Measures

Personal Precautions Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation. Use personal protective equipment when required. For spills of multiple products, responders should evaluate the SDS of the products for incompatibility. Breathing protection should be worn in enclosed/or poorly- ventilated areas until hazard assessment is complete.

Environmental Precautions This product is toxic to fish aquatic invertebrates, oysters, and shrimp. Do not allow product to enter storm drains, lakes, or streams.

Methods and materials for containment and clean-up

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

Methods for Clean-up: Absorb and containerize. Wash residue down to sanitary sewer. Contact sanitary facility in advance to assure ability to process washed-down material.

Section VII: Handling and Storage

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing. Do not eat, drink, or smoke when using this product.

KEEP OUT OF REACH OF CHILDREN

Storage close container after use. Store away from heat source or flame.

Section VIII: Exposure Controls/Personal Protection

Control parameter

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ACGIH TLV: American Conference of Government Industrial Hygienists-Threshold Limit Value.

OSHA PEL: Occupational Safety and Health Administration- Permissible Exposure Limits.

Appropriate engineering controls

Ventilation: Mechanical local exhaust may be required in confined areas.

Protective Gloves: Impervious.

Eye Glasses: Safety Glasses.

Other Protective Equipment: The availability of eyes washes and safety showers in work areas are recommended.

Hygienic Practices: Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods. Remove and wash contaminated clothing before re-use. Do not eat, drink, or smoke when using this product.

Section IX: Physical and Chemical Properties

Physical state: Viscous liquid

Odor: solvent

Color: Gray

Boiling Range: 212F (water)

Evaporation Rate: 2.8 n-butyl acetate =1

Percent Solids by Volume: 44.71

Percent Solids by Weight: 45.23

Weight per Gallon: 9.09

VOC'S: 1.43 lbs. per gal.

Section X: Stability and Reactivity Data

Stability: stable

Hazardous polymerization: will not occur

Hazardous Decomposition Products: Not known
 Conditions to Avoid: Avoid breathing of wet airborne spray mist.
 Incompatibility (Materials to Avoid): Avoid strong oxidizing agents.

Section XI: Toxicology Information

Component information

Chemical name	LD50 Oral	LD50 Dermal	LD50 Inhalation
AMP 95	2.9 g/kg (rat)	0.32 g/kg. Intraperitoneal	NA
Titanium Dioxide	>5000 MG/KG(rat)	No systemic effects	>6.82 mg/L air 4h
Isopropyl Alcohol	4700-5800 mg/kg (rat)	13,000mg/kg (rabbit)	16,000ppm(rat)

Information on likely routes of exposure

Inhalation Vapor may cause respiratory tract irritation.

Eye contact May cause serious damage to eyes.

Skin contact May cause irritation to skin.

Symptoms May cause redness and tearing to eyes. May cause burns to eyes.
 May cause redness or burns to skin. Inhalation may cause coughing

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available

Mutagenic effects No information available

Carcinogenicity The table below indicates whether each agency has listed any ingredients as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
AMP 95	NA	NA	NA	NA
Titanium Dioxide	NA	NA	NA	NA
Isopropyl Alcohol	NA	Group 3	NA	NA

ACGIH (International Conference of Government Industrial Hygienists)

IARC (International Agency for Research on Cancer)

Group 3- Not classified as to Carcinogenicity in Humans.

Section XII: Ecological Information

Ecotoxicity

Toxic to aquatic life

Persistence and Degradability

No information available

Bioaccumulation

No information available

Other adverse effects

No information available

Section XIII: Disposal Considerations

Disposal methods

Dispose of in accordance with all applicable federal, state, and local regulations.

Contaminated packaging

Do not reuse empty containers. Dispose of in accordance with all federal, state, and local regulations.

Section XIV: Transportation Information

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D.O.T. Not regulated when transported in non-bulk containers

IATA Not regulated when transported in non-bulk containers

Section XV: Regulatory information

Chemical Inventories

TSCA All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

DSL/NDSL All components are on the DSL or NDSL

TSCA- United States Toxic Substance Control Act Section 8(b) Inventory

DSL/NDSI

U.S. FEDERAL REGULATIONS

SARA 313

Section 313 of Title III of the superfund Amendment and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard No

Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

US state regulations

California Proposition 65

This product does not contain any Proposition 65 chemical

Section XVI: Other Information

Precautions to be taken in Handling and Storing: Keep containers closed when not in use. Avoid subjecting this product to extreme temperature variations and freezing.

Other Precautions:

Keep away from food, drink and animal feeding stuffs. Keep container tightly closed in a cool, well-ventilated area.

Date of preparation: 11/21/16

Revision 001

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