

Safety Data Sheet

Revision Date: 08-11-2015
Product Code: 2090-001

1. IDENTIFICATION

Product Name	BI-O-PLEX SILVER W/B TOP COAT
Product Code	2090-001
Document ID	G2090-001
Revision Number	1
Prior Version Date	None
Intended Use	Industrial Maintenance Coating
Restrictions On Use	For Industrial Use Only
Chemical Family	Acrylic Coating
Chemical Manufacturer / Importer	JONES-BLAIR® Company, LLC 2728 Empire Central Dallas, TX 75235 1-214-353-1600
Emergency Telephone Number:	ChemTrec Center 1-800-424-9300 International: 703-527-3887

2. HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Classification This material is not classified as hazardous under the criteria of the OSHA Hazard Communication Standard 29CFR 1910.1200.

Hazards Not Otherwise Classified (HNOC) Not applicable

Additional Information

Generally not considered a hazardous material. However, practice personal hygiene and avoid contact. Refer to safety data sheets for all materials used.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Component</u>	<u>CAS #</u>	<u>%</u>
No hazardous ingredients to list for this product.		

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation	Remove individual to fresh air after an airborne exposure if any symptoms develop as a precautionary measure.
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin Contact	Wash with soap and water. Get medical attention if irritation develops or persists.
Ingestion	If swallowed, do not induce vomiting. Get medical attention immediately.
Most Important Acute Symptoms and Effects	Not Available

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Most Important Delayed Symptoms and Effects Not Available

Special treatment needed: No additional first aid information available

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
Unsuitable Extinguishing Media	No data available
Special Protective Equipment and Precautions for Fire-Fighters	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Will not burn, no special instructions available. Use methods appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Follow personal protective equipment recommendations found in Section VIII of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill, the area in which the spill occurred. See MSDS sections III, XIII and XV for disposal considerations.
Methods and Material for Containment and Cleaning Up	Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Dike with suitable absorbent material. Gather and store in a sealed container pending disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Overexposure may be harmful. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Conditions for Safe Storage	Store in a cool dry place. Keep container(s) closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

<u>Chemical Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH STEL</u>
Aluminum	total dust, as Al: 15 mg/m ³ TWA; respirable fraction, as Al: 5 mg/m ³ TWA	metal dust, as Al: 10 mg/m ³ TWA	

Appropriate Engineering Controls	Local exhaust ventilation, process enclosures, or other engineering controls are imperative when handling or using this product to avoid overexposure.
Respiratory Protection	General or local exhaust ventilation is the preferred means of protection. In cases where ventilation is inadequate, respiratory protection may be required to avoid overexposure. Follow respirator manufacturer's directions for respirator use.
Eye Protection	Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.
Skin Protection	Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Clothing suitable to prevent skin contact.
General Hygiene Conditions	As with all chemicals, good industrial hygiene practices should be followed when handling this material.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical State	Liquid
Color	Silver
Odor	No data available
Odor Threshold	No data available
pH	No data available
Melting Point/Freezing Point (°F/°C)	No data available / No data available
Initial Boiling Point and Boiling Range	
Low (°F)	No data available
Flammability (solid, gas)	No data available
Upper Flammable/Explosive Limit	No data available
Lower Flammable/Explosive Limit	No data available
Vapor Density	No data available
Relative Density	1.000
Solubility in Water	Complete; 100%
Partition coefficient: n-octanol/water	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature:	No data available
Viscosity	110 - 130 KU
Volatiles, % by volume	63.77
Volatiles, % by weight	51.41
Volatile Organic Chemicals (g/L)	
(Regulatory, Calculated)	76.79
(Actual, Calculated)	30.51
Density	10.17 - 10.37 lbs./Gal

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	No data available

11. TOXICOLOGICAL INFORMATION

Routes of Exposure	Inhalation Ingestion Skin contact Eye contact
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Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation	May cause respiratory tract irritation.
Eye Contact	Causes eye irritation.

Long-Term (Chronic) Health Effects

No data available

Product Toxicology Data

No data available

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Aluminum	Oral LD50 Rat > 2000 mg/kg		Inhalation LC50 (4h) Rat > 888.00 mg/L

Carcinogen Information

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Chemical Name

IARC Carcinogen

OSHA Carcinogen

NTP Carcinogen

Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available) No data available

Mobility in soil No data available

13. DISPOSAL CONSIDERATIONS

Safe Handling of Waste Refer to other sections of this SDS to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information and does not contain all regulatory transportation details. Refer to all applicable regulations for domestic, international, air, vessel and ground transportation requirements and restrictions.

DOT Basic Description: Paint, Not-Regulated

Marine Pollutant: No

15. REGULATORY INFORMATION

TSCA Status All components of this product are either listed on the TSCA Inventory; or, are not subject to the inventory notification requirements.

Regulated Components

SARA EHS Chemicals

	<u>CAS #</u>	<u>%</u>
Furan	110-00-9	< 0.1 ppm

CERCLA

Not applicable

SARA 313

	<u>CAS #</u>	<u>%</u>
Aluminum	7429-90-5	1 - 5

SARA 311/312

Health (Acute):	N
Health (chronic):	N
Fire (Flammable):	N
Pressure:	N
Reactivity:	Y

U. S. State Regulations:

California Prop 65 Chemicals

Cancer

	<u>CAS #</u>	<u>%</u>
Crystalline Silica	14808-60-7	0.01 - 0.1
Titanium dioxide	13463-67-7	< 1 ppm
Furan	110-00-9	< 0.1 ppm
Acetaldehyde	75-07-0	< 10 ppb

Reproductive

Ethylene Glycol (ingested)	107-21-1	< 1 ppm
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Canadian Regulations:

CEPA DSL: The components of this product ARE listed on the Canadian Domestic Substances List.

16. OTHER INFORMATION

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Disclaimer	This SDS has been prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada's Controlled Product Regulations (CPR). To the best of our knowledge the information contained herein is accurate. Determination of safe handling, application and use of this material is the responsibility of the end user. This information is furnished without warranty, expressed or implied.