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Revision Date:

Version 1

1. IDENTIFICATION

Product Name METAL COAT WB-350 Clear

Other means of identification
 L-3350-05, L-3350-55, L-3350-275

Recommended use / restrictions Coating (Industrial Use only)

Supplier Address Ashburn Chemical Technologies
 7403 Wright Rd
 Houston, TX 77041

Company Phone Number 832-399-1000

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification Classified according to OSHA Hazardous Communication Standard 2012 (29 CFR 1910.1200)

Eye Irritant Category 2A
 Acute Toxicity (Dust/Mist) Category 2A

Signal Word **WARNING**

Hazard Statements Causes serious eye irritation
 Harmful if inhaled

Symbol



Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention
 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell

Other Hazards Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Ethylene Glycol Monobutyl Ether	111-76-2	1-5
Additive Package	Proprietary	1-5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES**First Aid Measures**

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Flush immediately with plenty of water for 15 minutes. If irritation persists, see physician.
Skin Contact	Wash contact areas with soap and water. Remove contaminated clothing and lauder before reuse. If skin irritation persists, call a physician.
Inhalation	Remove source of exposure or move person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell or are concerned.
Ingestion	Rinse mouth. Do not induce vomiting without medical advice. If symptoms persist, call a physician.

Most important symptoms and effects

Symptoms	Eye contact may cause eye irritation, redness, tearing, blurred vision Prolonged skin contact may cause redness and irritation See SECTION 11 for delayed and chronic effects.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable / Unsuitable Extinguishing Media	Use water fog, foam, dry chemical, alcohol resistant foam or carbon dioxide (CO2)
Specific Hazards Arising	Not determined.
Hazardous Combustion Products	Oxides of carbon
Protective equipment / 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

Personal Precautions	Avoid contact with skin or eyes. See SECTION 8 for Personal Protective Equipment.
Environmental Precautions	Prevent entry into drains, waterways, rivers, lakes, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. See SECTION 12 for Ecological Information

Methods for Clean-Up

Absorb or cover with dry earth, sand or other non-combustible material.
Sweep up absorbed material and shovel into suitable containers for disposal.
Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.
See SECTION 13 for Waste Disposal

7. HANDLING AND STORAGE

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice.
Wash face, hands, and any exposed skin thoroughly after handling.
SECTION 8 for Personal Protection.
See SECTION 2 for Precaution Statements.

Storage Conditions

Keep container tightly closed and store in a cool, dry and well-ventilated place.
Do not store in open or unlabeled containers.
Store away from heat and open flame. Storage temperature 5-40°C (41-104°F).

Incompatible Materials

Not known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines**Component Information**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH REL
2-Butoxyethanol 111-76-2	TWA: 20 ppm 8 hr	50 ppm 240 mg ³ Table Z-1	5 ppm 24 mg/m ³ 10 hr

Legend:

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

NIOSH: National Institute for Occupational Safety and Health

OSHA Table Z-1: Limits Air Contaminants

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommend Exposure Limit

TWA: Time weight average

Appropriate Engineering Controls

Maintain eye wash fountain and quick-drench facilities in work area.

Personal Protective Equipment**Eye/Face Protection**

Safety glasses with side shields are recommended.

Skin and Body Protection

Wear gloves and protective clothing depending on condition of use.
Wear suitable protective clothing.

Respiratory Protection

Ensure adequate ventilation, especially in confined areas.
In case of inadequate ventilation wear respiratory protection.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with skin, eyes and clothing.
After handling this product, wash hands before eating, drinking, or smoking

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State
Appearance
Color

Liquid
Opaque
Off-White

Odor
Odor Threshold

Mild
Not determined

Property**Values****Remarks • Method**

pH

10.6

Melting Point/Freezing Point

Not determined

Boiling Point/Boiling Range	Not determined	
Flash Point	Not flammable	
Evaporation Rate	Not determined	(butyl acetate = 1)
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	> 1.0	@ 68°F (20 ° C)
Vapor Density	Not determined	(Air=1)
Specific Gravity	1.02 - 1.03	(1=Water)
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

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.
Conditions to Avoid	Incompatible Materials.
Incompatible Materials	Not determined
Hazardous Decomposition Products	Thermal decomposition and combustion are not expected to occur except under extreme conditions. See SECTION 5 in the event of fire

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	May causes eye irritation
Skin Contact	Prolonged contact may cause redness and irritation
Inhalation	May be harmful if inhaled
Ingestion	May be harmful if swallowed

Information on toxicological effects

ATE for mixture	Oral	> 4,000 mg/kg
	Dermal	> 4,000 mg / kg
	Inhalation (Dust&Mist)	4.167mg/l

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene Glycol Monobutyl Ether 111-76-2	= 470 mg/kg (Rat)	= 2270 mg/kg (Rat) = 220 mg/kg (Rabbit)	= 2.21 mg/L (Rat) 4 h = 450 ppm (Rat) 4 h

Acute Effects Harmful if inhaled

Chronic Effects Not known

Carcinogenicity Carcinogenic potential is unknown.

Chemical Name	ACGIH	IARC	NTP
Ethylene Glycol Monobutyl Ether 111-76-2	A3	Group 3	

ACGIH (American Conference of Governmental Industrial Hygienists)
IARC (International Agency for Research on Cancer)

A3 - Animal Carcinogen
Group 3 IARC components are "not classifiable as human carcinogens"

Numerical measures of toxicity Not determined

Other Information Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ethylene Glycol Monobutyl Ether 111-76-2		1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50		1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50

Persistence/Degradability Not determined

Bioaccumulation Not determined.

Mobility Not determined

Other Adverse Effects Not determined

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes Disposal should be 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 and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	INSQ	AICS
ethylene Glycol Monobutyl Ether	X	X		X		X	X	X	X	X

Legend:*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**INSQ - Mexico National Inventory of Chemical Substances**AICS - Australian Inventory of Chemical Substances***US Regulations****EPCRA – Emergency Planning and Community Right-to-Know Act****CERCLA**

This material does not contain a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 255)

SARA 311/312 Hazardous Chemical Acute Health Hazard**SARA 313**

This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313- Threshold Values %
Ethylene Glycol Monobutyl Ether 111-76-2	111-76-2	1-5	1.0

California Proposition 65

This product does not contain any Proposition 65 chemicals.

State Right-To-Know

Chemical Name	Massachusetts	New Jersey	Rhode Island
2-Butoxyethanol 111-76-2	X	X	X

16. OTHER INFORMATION**NFPA****Health Hazards****Flammability****Instability****Special Hazards**

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Not determined

HMIS**Health Hazards****Flammability****Physical Hazards****Personal Protection**

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Not determined

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Revision Note:

New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet