

## Metallic Color Coat

Version 1.2

06/28/2006

### 1. PRODUCT AND COMPANY INFORMATION

Company	:	<b>BASF CORPORATION</b> 3550 St. John's Bluff Road, South Jacksonville, FL 32224
Telephone	:	904-996-6000
Emergency telephone number	:	(800) 424-9300 (703) 527-3887 (Outside Continental US)
Product name	:	Metallic Color Coat
MSDS ID No.	:	11537
TSCA Inventory	:	All components of this product are included, or are exempt from inclusion, in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
Canadian DSL	:	All components of this product are included, or are exempt from inclusion, in the Canadian Domestic Substance List (DSL).
Product Use Description	:	Coating

### 2. HAZARDOUS INGREDIENTS

<u>Chemical</u>	<u>CAS No.</u>	<u>TLV</u>	<u>STEL</u>	<u>PEL</u>	<u>CEIL</u>	<u>Weight %</u>
ETHYLENE GLYCOL	107-21-1	N.E.	N.E.	N.E.	100 mg/m <sup>3</sup>	1.00 - 5.00 %
ESTER ALCOHOL	25265-77-4	N.E.	N.E.	N.E.	N.E.	1.00 - 5.00 %

### 3. HAZARDS IDENTIFICATION

HMIS <sup>®</sup> Rating	HEALTH	FLAMMABILITY	PHYSICAL HAZARD
	1	1	0

WHMIS Class	:	D2B
Primary Routes of Entry	:	Inhalation Skin contact

#### Effects of Overexposure

Inhalation	:	Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Inhalation of high vapor concentrations can cause CNS-depression and narcosis. Prolonged inhalation can be harmful.
Skin	:	Prolonged skin contact may defat the skin and produce dermatitis. Prolonged or repeated exposure can cause skin irritation and redness.
Eyes	:	Can cause slight irritation.
Ingestion	:	Can cause slight irritation.

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Chronic exposure : This product contains solvents. Reports associate repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Reports also indicate that solvents cause liver damage, kidney damage, and mucous membrane irritation. Be warned that intentional misuse by deliberately inhaling the vapors and/or the product contents (a process often called "sniffing") can be harmful or fatal.

### Carcinogenicity

	ACGIH	IARC	NTP	OSHA
ETHYLENE GLYCOL	Not classifiable as a human carcinogen.	N.E.	N.E.	N.E.
ESTER ALCOHOL	N.E.	N.E.	N.E.	N.E.

## 4. FIRST AID MEASURES

Eye contact : Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin contact : Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion : Do not induce vomiting without medical advice. If conscious, drink plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.

Inhalation : Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek immediate medical attention.

## 5. FIRE-FIGHTING MEASURES

Flash point : > 200.01 °F (93.34 °C)

Autoignition temperature : no data available

Lower explosion limit : no data available

Upper explosion limit : no data available

Suitable extinguishing media : Carbon dioxide, foam, dry chemical & water fog.

Fire and Explosion Hazards : Containers can build up pressure if exposed to heat (fire). Cool closed containers exposed to fire with water spray.

Special Fire-fighting Procedures : As in any fire, wear pressure demand self-contained breathing apparatus (NIOSH approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up : Wear appropriate protective equipment (refer to section 8). Take action to eliminate source of leak; prevent from entry into open streams or sewers; contain spill by diking; vacuum up liquid or use absorbent media; remove to storage for disposal and rinse

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residual stain with water.

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## 7. HANDLING AND STORAGE

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- Handling : Use only in area provided with appropriate ventilation. Keep out of reach of children. For personal protection see section 8.
- Storage : Store in cool, dry place. Keep container tightly closed.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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- Eye protection : Wear as appropriate:  
safety glasses with side-shields  
goggles  
face-shield
- Hand protection : Wear as appropriate:  
Wear Chemically resistant gloves.
- Body Protection : Wear as appropriate:  
impervious clothing  
preventive skin protection
- Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use NIOSH approved respirators.
- Hygienic Practices : Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice.
- Engineering Controls : Local exhaust ventilation can be necessary to control any air contaminants to within their TLVs during the use of this product.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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- Color : pigmented
- Physical State : liquid
- Odor : slight ammoniacal
- pH : 9 - 10
- Odor Threshold : no data available
- Vapor Pressure : no data available
- Vapor Density : no data available
- Boiling point/range : no data available

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Freeze Point	:	no data available
Water solubility	:	dilutable
Specific Gravity	:	1.814
Viscosity	:	105 - 115 KREB
Evaporation rate	:	Slower than Butyl acetate
Partition coefficient (n-octanol/water)	:	no data available
VOC Concentration as applied (less water and exempt solvents)	:	160 g/l

## 10. STABILITY AND REACTIVITY

Stability	:	Stable under recommended storage conditions.
Conditions to avoid	:	Prolonged exposure to high temperatures
Materials to avoid	:	Strong mineral acids, Lewis acids, oxidizing agents, strong bases.
Hazardous decomposition products	:	Oxides of carbon nitrogen oxides (NO <sub>x</sub> )
Hazardous polymerization	:	Will not occur under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

### Acute inhalation toxicity

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>	<u>Exposure time</u>
	LC50	no data available		
<u>Component</u>				
ETHYLENE GLYCOL	LC50	no data available		
ESTER ALCOHOL	LC50	no data available		

### Acute oral toxicity

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
	LD50 (Oral)	no data available	
<u>Component</u>			

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ETHYLENE GLYCOL	LD50 (Oral)	4,700 mg/kg	rat
ESTER ALCOHOL	LD50 (Oral)	no data available	

### Acute dermal toxicity

	Type	Value	Species
<u>Product</u>	LD50 (Dermal)	no data available	
<u>Component</u>			
ETHYLENE GLYCOL	LD50 (Dermal)	no data available	
ESTER ALCOHOL	LD50 (Dermal)	no data available	

## 12. ECOLOGICAL INFORMATION

Ecotoxicological Information : There is no data available for this product.

## 13. DISPOSAL CONSIDERATIONS

Recommendations: Use excess product in an alternate beneficial application. Handle disposal of waste material in manner which complies with local, state, province and federal regulation.

## 14. TRANSPORT INFORMATION

DOT	: Proper shipping name	Not regulated
IATA	: Proper shipping name	Not regulated

## 15. REGULATORY INFORMATION

### SARA 311/312 (RTK)

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE (ACUTE) HEALTH HAZARD DELAYED (CHRONIC) HEALTH HAZARD

### SARA 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Weight %	CAS No.	Chemical Name
1.00 - 5.00 %	107-21-1	ETHYLENE GLYCOL

### CERCLA

CERCLA section 103(a) specifically requires the person in charge of a vessel or facility to report immediately to the National

# Material Safety Data Sheet



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Response Center (NRC) a release of a hazardous substance whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product.

<u>RQ</u>	<u>CAS No.</u>	<u>Chemical Name</u>
5,000 lbs	107-21-1	ETHYLENE GLYCOL

### **TSCA Section 12(b) Export Notification**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<u>CAS No.</u>	<u>Chemical Name</u>
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There are no TSCA 12(b) Chemicals in this product.

### **California Proposition 65**

The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm. Unless otherwise specified in Section 2 of this MSDS, these chemicals are present at < 0.1%:

<u>CAS No.</u>	<u>Chemical Name</u>
75-07-0	ACETALDEHYDE
75-21-8	ETHYLENE OXIDE
123-91-1	DIOXANE

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## 16. OTHER INFORMATION

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Legend : N.E. - Not Established  
TLV - Threshold Limit Value  
STEL - Short Term Exposure Limit  
PEL - Permissible Exposure Limit  
CEIL - Ceiling

Prepared By : Environment, Health and Safety Department

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End of MSDS.