



# METAL ILLUSION EPOXY (PART A)

# MATERIAL SAFETY DATA SHEET

## 1 - PRODUCT and COMPANY INFORMATION

**Company Info:** iCoat Products, Inc. [www.icoatproducts.com](http://www.icoatproducts.com)  
**Company Address:** 1519 W. Grant St. Phoenix, AZ 85007, USA  
**Phone:** (602) 258-1114  
**Fax:** (602) 258-1119  
**CHEMTREC:** For emergencies in the US Call CHEMTREC: (800) 424-9300  
**Canutec:** In Canada, all CANUTEC: (613) 996-6666 (call collect)  
**MSDS Format:** According to ANSI Z400.1-2004

**Product Name:** Metal Illusion Epoxy Part A  
**Product Number:** MI-Epoxy (Part A)

**HMIS Classification:** H F R PP  
2 1 0 G

## 2 - COMPOSITION INFORMATION

Chemical Name	Cas #	Ingredient Percent
Modified Diglycidyl Ether of Bisphenol A	25068-38-6	Proprietary
Alkyl Glycidyl Ether	68609-97-2	Proprietary
Undisclosed / Proprietary Non hazardous ingredient (s)	No Data	Proprietary
Nonyl Phenol	25154-52-3	Proprietary
Benzyl Alcohol	100-51-6	Proprietary

\*\* NO TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLT III & OF 40 CFR 372 ARE PRESENT. \*\*

## 3 - HAZARDS IDENTIFICATION

**Emergency Overview :** Irritant

### Potential Health Effects

**Target Organs:** Eye, Skin Contact, Inhalation, Ingestion.  
**Skin / Eye Contact:** May cause irritation or allergic skin response.  
**Inhalation:** Prolonged or excessive inhalation of heated vapors may cause respiratory tract irritation  
**Ingestion:** This material has probable low acute oral toxicity.  
**Chronic Health Effects:** Epoxy resins can cause sensitization by exposure through contact or high concentrations of vapor. Eye injury is unlikely but stain for evidence of corneal injury.  
**Aggravation of Pre-Existing Conditions:** Respiratory conditions or other allergic response.

## 4 -FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with plenty of water for 15 – 20 minutes. Get medical attention, if irritation or symptoms of overexposure persists.  
**Skin Contact:** Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists. Remove contaminated clothing.  
**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.



**Ingestion:** Low in toxicity, induce vomiting only if large amounts of material are ingested, otherwise do not induce vomiting and consult a physician. Never give anything by mouth to an unconscious person.

**Other First Aid:** Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Provide a glass of water to dilute the material in the stomach. If vomiting occurs naturally, have the person lean forward to reduce the risk of aspiration.

## **5 - FIRE FIGHTING MEASURES**

**Flash Point:** 200° + F  
**Lower Flammable / Explosive Limit:** N/A  
**Upper Flammable / Explosive Limit:** N/A  
**Extinguishing Media:** Use foam, alcohol foam, co2, dry chemical or water fog or spray when fighting fires involving this material.

**Protective Equipment:** As in any fire, wear Self –Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

**Unusual Fire & Explosion Hazard:** No unusual fire hazards known. Cool all fire exposed containers with water.

### **NFPA Ratings:**

NFPA Health: 2  
NFPA Flammability: 1  
NFPA Reactivity: 0

## **6 - ACCIDENTAL RELEASE MEASURES**

**Personnel Precautions:** Use proper personal protective equipment as listed in Section 8.

**Environmental Precautions:** Avoid runoff into storm sewers, ditches and waterways.

**Spill Cleanup Measures:** Absorb spill with inert material (e.g., dry sand or earth), then place in a waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section. Flush area with water to remove residue

## **7 - HANDLING AND STORAGE**

**Handling:** Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.

**Storage:** Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use.

**Hygiene Practices:** Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

**Other:** Contaminated leather articles cannot be cleaned and must be discarded. Wash all contaminated clothing prior to the reuse.

## **8 - EXPOSURE CONTROLS / PERSONAL PROTECTION – EXPOSURE GUIDELINES**

**Engineering Controls:** Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of personal protective equipment.

**Eye/Face Protection:** Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166

**Skin Protection:** Chemical-resistant gloves (neoprene or rubber) and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

**Respiratory Protection:** A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection



provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

**Other Protective:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Exposure Guidelines:** Not Applicable

## **9 - PHYSICAL and CHEMICAL PROPERTIES**

**Physical State Appearance:** Low Viscosity Liquid  
**Color:** Amber clear  
**Boiling Point:** 200-560 ° F  
**Melting Point:** No Data  
**Flash Point:** 200 + ° F  
**Specific Gravity (h20=1):** 1.1  
**Vapor Density:** Not Applicable (Air = 1)  
**Evaporation Rate:** Not Applicable  
**Solubility in Water:** Negligible

## **10 - STABILITY and REACTIVITY**

**Chemical Stability:** Stable under normal temperatures and pressures.  
**Hazardous Polymerization:** Will not occur.  
**Conditions to Avoid:** Avoid excessive heat or open flames.  
**Incompatible Materials:** Can react vigorously with oxidizing agents and strong acids or mineral acids.  
**Hazardous Decomposition:** CO<sub>2</sub>, Aldehydes, acids, reaction with some curing agents can generate large amounts of heat.

## **11 - TOXICOLOGICAL INFORMATION**

**No Data Available:**

## **12 - ECOLOGICAL INFORMATION**

**Ectotoxicity:** No ectotoxicity data was found for the product.  
**Environmental Fate:** No environmental information found for this product.

## **13 - DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and / or state and local guidelines. Dispose of in a Waste Disposal site.

## **14 - TRANSPORTATION INFORMATION**

**DOT UN Number:** No Data  
**DOT Hazard Class:** No Data



## **15 - REGULATORY INFORMATION**

**California PROP 65:**

Warning: This product does not contain a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

**Potential Health Effects Carcinogenicity:**

**OSHA:** NO  
**NTP:** NO  
**IARC:** NO

**No Listed ingredients of this product are regulated as carcinogens**

## **16 - ADDITIONAL INFORMATION**

**HMIS Health Hazard:** 2  
**HMIS Fire Hazard:** 1  
**HMIS Reactivity:** 0  
**HMIS Other:** G  
**MSDS Creation Date:** June 26, 2006  
**MSDS Revision Date:** January 19, 2011  
**MSDS Revision Notes:** Quarterly Formula Update  
**MSDS Author:** iCOAT Products, Inc.

**Disclaimer:**

This Health and Safety Information is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this sheet.

**Trademark:**

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METAL ILLUSION EPOXY (PART B)

MATERIAL SAFETY DATA SHEET

1 - PRODUCT and COMPANY INFORMATION

Company Info: iCoat Products, Inc. www.icoatproducts.com
Company Address: 1519 W. Grant St. Phoenix, AZ 85007, USA
Phone: (602) 258-1114
Fax: (602) 258-1119
CHEMTREC: For emergencies in the US Call CHEMTREC: (800) 424-9300
Canutec: In Canada, all CANUTEC: (613) 996-6666 (call collect)
MSDS Format: According to ANSI Z400.1-2004

Product Name: Metal Illusion Epoxy (Part B)
Product Number: MI-Epoxy (Part B)

HMIS Classification: H F R PP
2 1 0 G

2 - COMPOSITION INFORMATION

Table with 3 columns: Chemical Name, Cas #, Ingredient Percent. Rows include 2-Hydroxybenzoic Acid, 3-Aminomethyl-3,5,5-Trimethyl Cyclohexane, and Benzyl Alcohol.

\*\* NO TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITL III & OF 40 CFR 372 ARE PRESENT. \*\*
OSHA PEL-NONE ACGIH TVL-NONE OSHA STEL-NONE

3 - HAZARDS IDENTIFICATION

Emergency Overview : Irritant

Potential Health Effects

Target Organs: Eye, Skin Contact, Inhalation, Ingestion.
Skin / Eye Contact: Will cause burns to eyes and skin. High vapor concentrations can cause severe irritation to eyes.
Inhalation: High concentrations of vapor can cause irritation to the respiratory tract, nausea and dizziness.
Ingestion: Liquid can cause severe damage to mucous membranes if swallowed.
Chronic Health Effects: Prolonged or repeated exposure may cause asthma and skin sensitization or other allergic responses.
Aggravation of Pre-Existing Conditions: Respiratory conditions or other allergic ailments.
Carcinogenicity: OSHA: No NTP:No IARC:No
No listed ingredients of this product are regulated as carcinogens.

4 -FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for 15 – 20 minutes. Get medical attention immediately.
Skin Contact: Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists. Remove contaminated clothing.
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel.
Ingestion: Do not induce vomiting. Dilute by giving milk to drink if victim(s) is conscious. Never give anything by mouth to an unconscious person. Get medical attention immediately.



## **5 - FIRE FIGHTING MEASURES**

<b>Flash Point:</b>	200° + F
<b>Lower Flammable / Explosive Limit:</b>	N/A
<b>Upper Flammable / Explosive Limit:</b>	N/A
<b>Extinguishing Media:</b>	Use foam, alcohol foam, co2, or water fog or spray when fighting fires involving this material.
<b>Protective Equipment:</b>	As in any fire, wear Self –Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear. Toxic fumes will be involved
<b>Unusual Fire &amp; Explosion Hazard:</b>	No unusual fire hazards known. Cool all fire exposed containers with water.

### **NFPA Ratings:**

NFPA Health:	2
NFPA Flammability:	1
NFPA Reactivity:	0

## **6 - ACCIDENTAL RELEASE MEASURES**

<b>Personnel Precautions:</b>	Use proper personal protective equipment as listed in Section 8. Avoid contact with material
<b>Environmental Precautions:</b>	Avoid runoff into storm sewers, ditches and waterways.
<b>Spill Cleanup Measures:</b>	Absorb spill with inert material (e.g., dry sand or earth), then place in a waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section. Pump liquid to salvage tank for disposal.

## **7 - HANDLING AND STORAGE**

<b>Handling:</b>	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.
<b>Storage:</b>	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use.
<b>Hygiene Practices:</b>	Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.
<b>Other:</b>	Mixed materials contain hazards of all the components, therefore, read the MSDS of all components to become familiar with all hazards prior to using this product.

## **8 - EXPOSURE CONTROLS / PERSONAL PROTECTION – EXPOSURE GUIDELINES**

<b>Engineering Controls:</b>	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of personal protective equipment.
<b>Eye/Face Protection:</b>	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166
<b>Skin Protection:</b>	Chemical-resistant gloves (neoprene or rubber) and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.
<b>Respiratory Protection:</b>	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
<b>Other Protective:</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
<b>Exposure Guidelines:</b>	Not Applicable



## **9 - PHYSICAL and CHEMICAL PROPERTIES**

<b>Physical State Appearance:</b>	Liquid with Amine Odor
<b>Color:</b>	Amber clear
<b>Boiling Point:</b>	401 ° F
<b>Melting Point:</b>	No Data
<b>Flash Point:</b>	200 + ° F (Method Used - SETA FLASH)
<b>Specific Gravity (h20=1):</b>	1.0
<b>Vapor Density (Air = 1):</b>	Not Applicable
<b>Evaporation Rate:</b>	Not Applicable
<b>Solubility in Water:</b>	Negligible

## **10 - STABILITY and REACTIVITY**

<b>Chemical Stability:</b>	Stable under normal temperatures and pressures.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to Avoid:</b>	Avoid contact with open flames and all sources of ignitions and sparks.
<b>Incompatible Materials:</b>	Avoid contact with oxidizing agents, mineral acids and epoxy resins in uncontrolled amounts.
<b>Hazardous Decomposition:</b>	CO <sub>2</sub> , CO, NO <sub>X</sub> .

## **11 - TOXICOLOGICAL INFORMATION**

**No Data Available:**

## **12 - ECOLOGICAL INFORMATION**

<b>Ectotoxicity:</b>	No ectotoxicity data was found for the product.
<b>Environmental Fate:</b>	No environmental information found for this product.

## **13 - DISPOSAL CONSIDERATIONS**

<b>Waste Disposal:</b>	Consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and / or state and local guidelines. Dispose of in a Waste Disposal site.
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## **14 - TRANSPORTATION INFORMATION**

<b>DOT UN Number:</b>	No Data
<b>DOT Hazard Class:</b>	No Data

## **15 - REGULATORY INFORMATION**

<b>California PROP 65:</b>	Warning: This product does not contain a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.
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### **Potential Health Effects Carcinogenicity:**

<b>OSHA:</b>	NO
<b>NTP:</b>	NO
<b>IARC:</b>	NO

**No Listed ingredients of this product are regulated as carcinogens**



## **16 - ADDITIONAL INFORMATION**

**HMIS Health Hazard:** 2  
**HMIS Fire Hazard:** 1  
**HMIS Reactivity:** 0  
**HMIS Other:** G  
**MSDS Creation Date:** May 13, 2007  
**MSDS Revision Date:** January 18, 2011  
**MSDS Revision Notes:** Quarterly Formula Update  
**MSDS Author:** iCOAT Products, Inc.

**Disclaimer:** This Health and Safety Information is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this sheet.

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