

## **DAG 213 GRAPHITE EPOXY RESIN**

### **MSDS Number**

BBKGP

### **National Stock Number**

8040-00F001966

### **Product Name**

DAG 213 GRAPHITE EPOXY RESIN

### **Manufacturer**

ACHESON COLLOIDS COMPANY

### **Product Identification**

Product ID:DAG 213 GRAPHITE EPOXY RESIN

MSDS Date:02/03/1988

FSC:8040

NIIN:00F001966

MSDS Number: BBKGP

### **Responsible Party**

ACHESON COLLOIDS COMPANY

1600 WASHINGTON AVE.

PORT HURON , MI 48060-3456

Emergency Phone: (313) 984-5581

Info Phone: (313) 984-5581

Cage: 70079

### **Contractor**

ACHESON COLLOIDS CO DIV OF ACHESON INDUSTRIES INC

611747

PORT HURON, MI 48061-1747

US

800-255-3924

Cage: 70079

### **Ingredients**

N-BUTYL ALCOHOL (SARA III)

CAS: 71-36-3

RTECS: EO1400000

Fraction By Weight: 15%

OSHA PEL100 PPM

ACGIH TLV: S, C 50 PPM; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 24%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

PROPYLENE GLYCOL METHYL ETHER ACETATE

Fraction By Weight: 24%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM

PIGMENT

Fraction By Weight: 9%

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 5 - 10%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

2-BUTOXYETHANOL

CAS: 111-76-2

RTECS: KJ8575000

Fraction By Weight: 4%

OSHA PELS, 50 PPM

ACGIH TLV: S, 25 PPM; 9293

FORMALDEHYDE (SARA III)

CAS: 50-00-0

RTECS: LP8925000

Fraction By Weight: 0.19%

OSHA PELSEE 1910.1048

ACGIH TLV: C 0.3 PPM; A2; 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:INHALATION/INGESTION: SEVERE OR PERMANENT TOXIC EFFECTS. EYES: SEVERE IRRITATION, BURNING SENSATION, & BLURRED VISION. SKIN: IRRITATION & DERMATITIS.

Explanation of Carcinogenicity: FORMALDEHYDE IS CONSIDERED TO BE AN A2 CARCINOGEN BY ACGIH.  
Effects of Overexposure: INHALATION/INGESTION: SEVERE OR PERMANENT TOXIC EFFECTS. EYES: SEVERE IRRITATION, BURNING SENSATION, & BLURRED VISION. SKIN: IRRITATION & DERMATITIS.

## First Aid

First Aid: EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR OR OXYGEN IF NEEDED. INGESTION: KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point: 45F  
Extinguishing Media: FOAM, CO2, DRY CHEMICAL  
Fire Fighting Procedures: SELF-CONTAINED BREATHING SUPPLY IN CONFINED AREAS.

## Accidental Release

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION & VENTILATE AREA. ABSORB SPILL ON RAGS OR OTHER ABSORBENT MATERIAL & TRANSFER TO SEALABLE CONTAINERS.

## Handling

Handling and Storage Precautions: CONTAINS EPOXY RESIN AND VOLATILE SOLVENTS. CAUTION: BREATHING OF VAPOR MAY CAUSE IRRITATION.  
Other Precautions: COMBUSTIBLE: KEEP AWAY FROM SPARKS, HEAT AND OPEN FLAME.

## Exposure Controls

Respiratory Protection: IF >TLV, AIR SUPPLIED BREATHING EQUIPMENT IS REQUIRED.  
Ventilation: PROVIDE SUFFICIENT LOCAL EXHAUST VENTILATION TO KEEP  
Protective Gloves: RECOMMENDED  
Eye Protection: CHEMICAL SPLASH GOGGLES  
Other Protective Equipment: SAFETY SHOWERS, EYE WASH FOUNTAIN, PROTECTIVE CLOTHING.  
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health

## Chemical Properties

Spec Gravity: 0.98  
Solubility in Water: NIL  
Appearance and Odor: BLACK FLUID W/SHARP ODOR  
Percent Volatiles by Volume: 72.0

## Stability

Stability Indicator/Materials to Avoid: YES  
STRONG OXIDIZERS  
Stability Condition to Avoid: SPARKS, OPEN FLAMES, SOURCES OF IGNITION  
Hazardous Decomposition Products: CO, CO2

## Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

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