



## Epoxy Gel Part A

### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: EPOXY GEL PART A  
IDENTIFICATION NUMBER: 72821, 72821-2  
SUPPLIER/MANUFACTURER: VANBERG SPECIALIZED COATINGS  
10705 COTTONWOOD ST  
LENEXA, KS 66215-2032

EMERGENCY PHONE # 1-800-255-3924  
PREPARER: VSC  
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PREPARE DATE: OCTOBER 15, 2015

### SECTION 2 – HAZARDS IDENTIFICATION

**GHS Classification:** Serious eye damage/Eye irritation category 2A, Skin irritation category 2, skin sensitizer category 1, Long term hazards to aquatic environment Category 2

**GHS Label Elements and Precautionary Statements:**

**Label Elements:**



**Hazard Statements:**

Warning: Causes serious eye irritation.

Warning: Causes skin irritation

Warning: May cause an allergic skin reaction

Toxic to aquatic life with long lasting effects

**Precautionary statements:**

P102 Keep out of reach of children.

P103 Read label before use

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

**Response**

P302 + P352 IF ON SKIN: wash with plenty of soap and water.

P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 IF eye irritation persists: Get medical advice/attention.

P391 Collect spillage.

P501 Dispose of contents/container to a waste disposal facility in accordance with local, state, federal or international laws

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**HMIS Hazard Classification**

**Health:** 1      **Flammability:** 1      **Reactivity:** 0      **Personal Protective Equipment:** B

**Potential Health Effects**

**Eyes:** may cause irritation but no corneal injury is likely.

**Skin:** may cause irritation or allergic skin response.

**Ingestion:** This material has a probable low acute oral toxicity.

**Inhalation:** No guide for control known, however, exposure to heated vapors can cause irritation to the nose, throat, or mucous membranes.

**Health hazards (acute and chronic):**

Epoxy resins can cause sensitization by exposure through contact or high concentrations of vapor. Eyes: injury is unlikely but stain for evidence of corneal injury.

**Medical Conditions Generally Aggravated by Exposure:** respiratory conditions or other allergic response.

**Carcinogenicity**

**OSHA:** NO

**NTP:** NO

**IARC:** NO

**Additional Carcinogenicity Information:**

No constituents of this products are regulated as carcinogens under OSHA, IARC, or NTP programs.

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	OSHA PEL	ACGIH TLV	OSHA STEL	WEIGHT%
MODIFIED DIGLYCIDYL ETHER OF BISPHENOL A	25068-38-6	none	none	none	40-70
ALKYL GLYCIDYL ETHER	68609-97-2	none	none	none	10-30
Precipitated Silica	112926-00-8	none	80 mg/m <sup>3</sup>	none	10-30
HYDROXY MODIFIED RESIN	NON-HAZARDOUS	none	none	none	1-5
HYDROCARBON RESIN	NON-HAZARDOUS	none	none	none	1-5
*Naphthalene	91-20-3	10 ppm	10 ppm	none	<0.06

\*\*\*” Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. \*\*\*

**Note:** Ingredients listed without percentages, the percentages are considered a trade secret.

### SECTION 4 – FIRST AID MEASURES

**Eyes:** Flush eyes with water for at least fifteen minutes and consult a physician.

**Skin:** Skin contact will normally cause no more than irritation but wash affected area with soap and water and remove contaminated clothing promptly.

**Ingestion:** Low in toxicity, induce vomiting only if large amounts of material are ingested, otherwise do not induce vomiting. In either case immediately consult with a physician.

**Inhalation:** Remove to fresh air if effects persist and administer oxygen if necessary.

### SECTION 5 – FIRE FIGHTING MEASURES

**Flammable Limits in Air (% by volume):**      **Upper:** not available      **Lower:** not available

**Flash Pt:** 200+F (93+C)

**Method Used:** Seta Flash

**Extinguishing Media:**

Foam, alcohol foam, CO<sub>2</sub>, dry chemical, water fog.

**Special Fire Fighting Procedures:**

Do not enter confined fire area without full bunker gear including a positive pressure NIOSH approved self-contained breathing apparatus. Cool all fire exposed containers with water.

**Unusual Fire and Explosion Hazards:**

No unusual fire hazards known.

**SECTION 6 – RELEASE MEASURES****Steps to Be Taken in Case Material Is Released or Spilled**

Wear respirator and protective clothing. Shut off the source at the leak. Remove excess with vacuum truck and take up the remainder with an such as clay and place in disposal containers. Flush area with water to remove residue.

**SECTION 7 – HANDLING AND STORAGE****Precautions to Be Taken in Handling and Storage:**

Store in cool dry place. Seal all partially used containers. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Mixed materials contain the hazards of all the components, therefor, read the SDS's of all the components prior to using material. Properly label all containers.

**Other Precautions:**

Avoid all skin contact. Avoid breathing vapors generated from the material. Observe conditions of good general hygiene and safe working practices. Contaminated leather articles cannot be cleaned and must be discarded if contaminated with this product. Wash all contaminated clothing prior to the reuse thereof.

**SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION****Respiratory protection:**

Use a NIOSH approved respirator as required to prevent over-exposure to vapor in accordance with 29 CFR 1910.134. General exhaust is usually sufficient in lieu of NIOSH respirator.

**Ventilation:**

General exhaust is usually sufficient to control vapors and exposure hazards.

**Protective gloves:**

Impervious gloves, neoprene or rubber.

**Eye protection:**

Splash proof goggles or safety glasses with side shields

**Other protective clothing or equipment:**

Wear body covering clothing and other coverings as necessary such as apron and appropriate footwear to avoid contact with material.

**Work hygienic practices:**

Observe good general hygienic practices.

See Section 3 for occupational exposure limit values.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance and Odor:** viscous paste – negligible odor

**Boiling Point or Range:** 200F (93C)

**Vapor Density (Air = 1):** N/A

**Specific Gravity (H<sub>2</sub>O = 1):** 1.2

**Evaporation Rate:** N/A

**Solubility in Water:** negligible

**Odor Threshold:** N/A

**pH:** N/A

**Melting point/freezing point:** N/A

**Vapor Pressure:** N/A

**Auto Ignition Temperature:** N/A

**Partition Coefficient: n-octanol/water:** N/A

**Decomposition Temperature:** N/A

## SECTION 10 – STABILITY AND REACTIVITY

### Stability:

Stable

### Conditions to Avoid (Stability):

Avoid excessive heat or open flames.

### Incompatibility (Material to Avoid):

Can react vigorously with strong oxidizing agents and strong lewis acids or mineral acids.

### Hazardous Decomposition or By-Products:

CO<sub>2</sub>, aldehydes, acids. Reaction with some curing agents can generate large amounts of heat.

### Hazardous Polymerization:

Will not occur.

## SECTION 11 – Toxicological Information

No data for the product itself.

### Component data:

**Component CAS# 25068-38-6:** Moderate sensitizer, slight eye irritant, moderate skin irritant, Oral LD50 >5000 mg/kg (rat), Dermal LD50 >6000 mg/kg (rabbit)

**Component CAS# 68609-97-2:** possible sensitizer, eye and skin irritant, Oral LD50 >10000 mg/kg (rat), Inhalation LD50 – no microscopic changes

**Component CAS# 112926-00-8:** LD50 (rat >5000 mg/kg, LD50 dermal (rat) >2000 mg/kg

**Component CAS# 68609-97-2:** possible sensitizer, eye and skin irritant, Oral LD50 >10000 mg/kg (rat), Inhalation LD50 – no microscopic changes

## SECTION 12 – ECOLOGICAL INFORMATION

No data for the product itself.

### Component data:

**Component CAS# 25068-38-6:** Biodegradability (Modified Sturm Method) 12%, Fish toxicity: Rainbow trout (96hr) LC50 1.5mg/l, Zebra Fish (96hr) LC50 2.4 mg/l. Invertebrate Toxicity: Daphnia Toxicity (24hr) EC 50 3.6 mg/l

**Component CAS# 112926-00-8:** Ecotoxicity: EC50 (fish) .10000 mg/l (daphnia >10000 mg/l

## SECTION 13 – WASTE DISPOSAL

### Waste Disposal Method

Dispose of the material in a waste disposal site in accordance with local, state, and federal laws.

## SECTION 14 – TRANSPORT INFORMATION

DOT: Not regulated.

IMO/IMDG: UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (CONTAINS Bisphenol A Diglycidyl Ether Polymer) , 9, PGIII, MARINE POLLUTANT

## SECTION 15 – REGULATORY INFORMATION

No data for the product itself.

### Component data:

**Component CAS# 25068-38-6:** Considered a hazardous chemical; is on the TSCA list; is on the DSL Canada, WHMIS class D2B; Is on the New Jersey Right to Know list; is on the PA Right to Know List;

**Component CAS# 68609-97-2:** Considered a hazardous chemical; is on the TSCA list; is on the DSL Canada, Is on the New Jersey Right to Know list; is on the PA Right to Know List.

**Component CAS# 112926-00-8:** Is not classified as dangerous. National Chemical Inventory listings include – AICS, DSL, IECSC, EINECS, ENCS, KECI, NZLOC, PICCS, TSCA,

**Component HYDROCARBON RESIN:** Component contains 0.01-0.06 WT% Naphthalene CAS# 91-20-3 with a CERCLA RQ of 100 pounds. Component is on the TSCA list and Canadian DSL list. Component does not contain any reportable chemicals above the de minimus level for section 313. Component is not hazardous as defined by CFR 1910.1200 or Title III section

312/313 of the superfund amendment. Naphthalene is known to the state of California to cause cancer. Naphthalene is on the Pennsylvania, Massachusetts and New Jersey right to know lists.

**Component HYDROXY MODIFIED RESIN.:** Component is not hazardous as defined by CFR 1910.1200 and under the provisions of Title III Section 311/312 of the Superfund amendments and Reauthorization Act. Component is on the TSCA list.

**Component CAS# 68609-97-2:** Considered a hazardous chemical; is on the TSCA list; is on the DSL Canada, is on the New Jersey Right to Know list; is on the PA Right to Know List.

**SECTION 16 – OTHER INFORMATION**

**N/A = Not Available**

**See Section 1 for date of preparation**

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The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

**END OF SDS**