



## Epoxy Gel Part B

### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: EPOXY GEL PART B  
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:** Specific target organ toxicity repeated exposure (skin, central nervous system, (CNS) category 2, Acute oral toxicity category 4, Acute dermal toxicity category 4, Skin corrosion/irritation category 1, skin sensitizer category 1B, Serious eye damage category 1, Reproductive toxicity category 2, Acute hazard to aquatic environment category 2, Chronic hazards to aquatic environment category 2

**GHS Label Elements and Precautionary Statements:**

**Label Elements:**



**Hazard Statements:**

Warning: May cause damage to organs (skin, central nervous system, (CNS)

Warning: Harmful if swallowed

Warning: Harmful in contact with skin

Warning: Causes severe skin burns and eye damage

Warning: May cause an allergic skin reaction

Danger: Causes serious eye damage

Warning: Suspected of damaging fertility of unborn child.

Toxic to aquatic life

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.

P270 Do not eat, drink or smoke when using this product.

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

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves and clothing to prevent skin contact.

P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection  
 P273 Avoid release to the environment.

**Response**

P301 + P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.  
 P330 Rinse mouth.  
 P302 + P352 IF ON SKIN: wash with plenty of soap and water  
 P312 Call a POISON CENTER or doctor/physician if you feel unwell  
 P361+P364 Take off immediately all 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.  
 P310 If in eyes, immediately call a POISON CENTER or doctor/physician.  
 P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.  
 P362 + P364 take off contaminated clothing and wash it before reuse.  
 P308 + P313 IF exposed or concerned: Get medical advice/attention.  
 P314 Get medical advice/attention if you feel unwell

**Storage:**

P405 Store locked up

**Disposal:**

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

**HMIS Hazard Classification**

**Health: 2      Flammability: 1      Reactivity: 0      Personal Protective Equipment: G**

**Potential Health Effects**

**Eyes:** Will cause burns to the eyes. High vapor concentrations can cause severe irritation to the eyes.  
**Skin:** Can cause skin irritation or possible burns to the skin  
**Ingestion:** Liquid can cause severe damage to mucous membranes if swallowed.  
**Inhalation:** High concentrations of vapor can cause irritation to the respiratory tract, nausea, and dizziness.  
**Health hazards (acute and chronic):**  
 Prolonged or repeated exposure may cause asthma and skin sensitization or other allergic responses.  
**Medical conditions generally aggravated by exposure:**  
 Respiratory conditions or other allergic ailments.

**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%
NONYL PHENOL	84852-15-3	none	none	none	30-60
N-AMINOETHLPIPERAZINE	140-31-8	none	none	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
Precipitated Silica	112926-00-8	none	80 mg/m <sup>3</sup>	none	10-30

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

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

**SECTION 4 – FIRST AID MEASURES**

**Eyes:** Immediately flush with large amounts of water for at least 15 minutes while lifting upper and lower lids. Get immediate medical assistance.

**Skin:** Flush skin with water for at least 15 minutes and remove all contaminated clothing immediately. Get medical attention if reddening or swelling occurs.

**Ingestion:** Do not induce vomiting. Dilute by giving water or milk to drink if victim is conscious. Get medical attention immediately.

**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:**

Toxic fumes will be evolved when this material is involved in a fire. A self-contained breathing apparatus should be available for fire fighting. Cool fire exposed containers with water.

**Unusual Fire and Explosion Hazards:**

None known.

## SECTION 6 – RELEASE MEASURES

**Steps to Be Taken in Case Material Is Released or Spilled**

Avoid contact with material. Wear the appropriate safety equipment. Stop spill at source, dyke area to prevent spreading. Pump liquid to salvage tank. Take up remainder with clay or other absorbant and place in disposal containers.

## SECTION 7 – HANDLING AND STORAGE

**Precautions to Be Taken in Handling and Storage:**

Avoid all skin contact. Avoid breathing vapors. Reseal partially used containers. Properly label all containers. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Observe conditions of good industrial hygiene and safe working practices.

**Other Precautions:**

Mixed materials contain the hazards of all the components, therefore, read the SDS of all components to become familiar with all hazards prior to using this product.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory protection:**

NIOSH approved respirator protection required in the absence of proper environmental controls. For emergencies a self contained breathing apparatus or a full face respirator is recommended.

**Ventilation:**

Avoid breathing vapors. Ventilation must be sufficient to control vapors.

**Protective gloves:**

Impervious gloves, neoprene or rubber.

**Eye protection:**

Splash proof goggles or safety glasses with side shields

**Other protective clothing or equipment:**

Clean body covering clothing as well as apron footwear or other equipment should be used as deemed necessary to avoid contact with the 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:** amber viscous paste with amine odor

**Boiling Point or Range:** 560F (293C)

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

**Specific Gravity (H<sub>2</sub>O = 1):** 1.1

**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 contact with open flames and all sources of ignitions and sparks.

**Incompatibility (Material to Avoid):**

Avoid contact with strong oxidizing agents, mineral acids and epoxy resins in uncontrolled amounts.

**Hazardous Decomposition or By-Products:**

CO, CO<sub>2</sub>, NOX

**Hazardous Polymerization:**

Will not occur.

## SECTION 11 – Toxicological Information

No data for the product itself.

**Component data:**

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

**Component CAS# 140-31-8:** Draize test, rabbit, eye: 20 mg/24H Moderate; Draize test, rabbit, skin: 5 mg/24H Severe;

Oral, rat: LD50 = 2140 uL/kg; Skin, rabbit: LD50 = 880 uL/kg; Carcinogenicity: Not listed by ACGIH, IARC, NTP, or CA Prop 65. May cause Sensitization by skin contact.

**Component Nonyl Phenol:** Median Lethal Dose Oral: LD50 0.58g/kg (rat) moderately toxic. Dermal LD50 2.14g/kg (rabbit) slightly toxic. Skin Draize Test, rabbit, 500 mg/m<sup>3</sup> 24hr – corrosive. Eyes Draize test rabbit, 57.00/110 – extremely irritating. Component is a possible risk of impaired fertility.

## SECTION 12 – ECOLOGICAL INFORMATION

No data for the product itself.

**Component data:**

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

**Component Nonyl Phenol:** Ecotoxicity: Daphnia EC50: 0.14-0.44 mg/l, 48 hr. Component is not readily biodegradable, log Pow: 3-4. Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. Aquatic Toxicity LC50 96 hr, toxicity rating is <0.10 ppm – extremely toxic.

## 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:** UN1760, CORROSIVE LIQUID N.O.S. (N-AMINOETHYLPIPERAZINE, NONYL PHENOL), 8, PG III, MARINE POLLUTANT  
**IMO/IMDG:** UN1760, CORROSIVE LIQUID N.O.S. (N-AMINOETHYLPIPERAZINE, NONYL PHENOL), 8, PG III, MARINE POLLUTANT

**SECTION 15 – REGULATORY INFORMATION**

**No data for the product itself.**

**Component data:**

**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 CAS# 140-31-8:** Component is listed on the TSCA inventory. Component can be found on the following state right to know lists: New Jersey, Pennsylvania, Massachusetts. Component contains no California Prop 65 Significant Risk Level: and none of the chemicals in this product are listed. Component is list on the Canadian DSL list, EINECS, AICS, ENCS, ECL, SEPA, PICCS lists.

**Component Nonyl Phenol:** This component is listed on TSCA, EINECS, ACIS, MITI and Canada DSL lists.

**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 deminimus 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.

**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**