

## ARTIST GRADE RESIN (PART A)

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** ARTIST GRADE RESIN (PART A)  
**Common Name:** EPOXY RESIN  
**SDS Number:** NP-005  
**Product Code:** 2010-1030-1 (PART A)  
**Revision Date:** 10/9/2018  
**Chemical Family:** EPOXY RESIN  
**Product Description:** ARTIST GRADE RESIN (PART A)  
**Supplier Details:** NATURALIS PAINT  
999 Lee Street  
Elk Grove Village, IL 60007  
**Emergency:** CHEMTREC (800) 424-9300

### 2 HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

Health, Skin corrosion/irritation, 2  
Health, Serious Eye Damage/Eye Irritation, 2 A  
Health, Skin sensitization, 1  
Environmental, Hazards to the aquatic environment - Chronic, 3

#### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



**GHS Hazard Statements:**

H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H317 - May cause an allergic skin reaction  
H412 - Harmful to aquatic life with long lasting effects

**GHS Precautionary Statements:**

P102 - Keep out of reach of children.  
P103 - Read label before use.  
P233 - Keep container tightly closed.  
P262 - Do not get in eyes, on skin, or on clothing.  
P264 - Wash \_ thoroughly after handling.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302+352 - IF ON SKIN: Wash with soap and water.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P332+313 - If skin irritation occurs: Get medical advice/attention.  
P362 - Take off contaminated clothing and wash before reuse.

P403+235 - Store in a well ventilated place. Keep cool.

P501 - Dispose of contents/container to \_

CGA-MP01 - IF ACCIDENTLY INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention

### Hazards not Otherwise Classified (HNOC) or not Covered by GHS

- Route of Entry:** Absorption, Inhalation, and Ingestion
- Target Organs:** HEALTH HAZARDS (ACUTE AND CHRONIC):  
ACUTE: Shortness of breath, burning sensation or respiratory passages, nausea, headache.  
CHRONIC: Narcosis, kidney and liver dysfunction with possible central nervous system effects.
- Inhalation:** INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:  
Dizziness, headache, nausea, shortness of breath, solvent taste in mouth, narcosis, euphoria, or unconsciousness.
- Skin Contact:** SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:  
Prolonged or repeated unprotected skin contact may cause defatting, drying of the skin, or dermatitis.
- Eye Contact:** EYE CONTACT HEALTH RISK AND SYMPTOMS OF EXPOSURE:  
Burning sensation with reddening of the eyes. Irritation, rash around the eyes or burning sensation of the eyes.
- Ingestion:** INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:  
Gastrointestinal distress with symptoms of systemic poisoning.

## 3 COMPOSITION/INFORMATION OF INGREDIENTS

### COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical Ingredients:		
CAS#	%	Chemical Name:
*****	90-100%	Proprietary

## 4 FIRST AID MEASURES

- Inhalation:** Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.
- Skin Contact:** Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Eye Contact:** Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists.
- Ingestion:** Rinse mouth with water. Do not induce vomiting unless directed to do so by a medical personnel. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as collar, tie, belt or waistband.

## 5 FIRE FIGHTING MEASURES

- Flash Point:** 115 deg C
- Flash Point Method:** Pensky-Martens Closed Cup

Suitable extinguishing media: Foam, carbon dioxide (CO2), dry powder, water spray. Firefighters should wear self-contained breathing apparatus (SCBA). So Not take personal risk or individuals without suitable training.

Pressure may build up in closed container that are exposed to heat and fire.

Hazardous thermal decomposition; Carbon monoxide, carbon dioxide, aldehydes

Unsuitable extinguishing media: Do not use a solid water stream as it may scatter and spread fire.

Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire

fighting to enter drains or water courses. Dike for water control.

### 5.1 EXTINGUISHING MEDIA

Suitable extinguishing media: Water spray. Polyvalent foam. BC powder. Carbon dioxide. Sand/earth.

Unsuitable extinguishing media: Solid water jet ineffective as extinguishing medium.

### 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Fire hazard: DIRECT FIRE HAZARD. Not easily combustible. INDIRECT FIRE HAZARD. Temperature above flashpoint: higher fire/explosion hazard: see "Reactivity Hazard".

Explosion hazard: INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard".

Reactivity: Polymerizes on exposure to temperature rise. Upon combustion: CO and CO<sub>2</sub> are formed. Reacts violently with (strong) oxidizers: (increased) risk of fire/explosion. Violent exothermic reaction with (some) acids/bases. May polymerise on exposure to amines: pressure rise and possible bursting of container.

### 5.3 ADVICE FOR FIREFIGHTERS

Precautionary measures fire: Exposure to fire/heat: keep upwind. Exposure to fire/heat: consider evacuation. Exposure to fire/heat: have neighborhood close doors and windows.

Firefighting instructions: Cool containers with water spray/remove them into safety. Do not move the load if exposed to heat. Take account of environmentally hazardous firefighting water. Use water moderately and if possible collect or contain it.

Protection during firefighting: Heat/fire exposure: Compressed air/oxygen apparatus.

## 6

### ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures;

Use personal protective equipment.

#### 6.2 Environmental precautions:

Do Not Allow to enter drains or waterways

Do not discharge into the soil/ground.

#### 6.3 Methods and material for containment and cleaning up

Ventilate the area, Prevent further leakage or spillage if safe to do so. Remove all sources of ignition. Use only non-sparking tools.

Take up with absorbent material (eg. sand, universal binder). Clean contaminated floors and objects thoroughly while observing environmental regulations.

Dispose of absorbed material in accordance with the regulations, State and Federal

## 7

### HANDLING AND STORAGE

#### Handling Precautions:

7.1 Safe Handling Advice on safe handling:

No special measure necessary if stored and handled as prescribed

Use only in well-ventilated areas. In case of insufficient ventilation wear suitable respiratory equipment. Wear respiratory protection when spraying.

No sparking tools should be used. To avoid ignition of vapor by static electricity discharge, all metal parts of the equipment must be grounded.

Keep away from acids and other incompatibles.

Keep containers closed when not in use.

Empty containers retain residue (liquid and/or vapor and can be dangerous).

Hygiene measures: Do not eat, drink or smoke when working. Wash hands before breaks and after work. Remove soiled or soaked clothing immediately. General protective measures: Avoid contact with eyes and skin. Wear protective gloves and eye/face protection. Avoid breathing vapor or mist.

Storage: keep away from heat, sparks and open flame. No Smoking ! Do not inhale gases/vapors/aerosols.

Do not discharge to open sewers or drains

#### Storage Requirements:

7.2 Conditions for safe storage, including any incompatibilities

Prevention of fire and explosion:

Information - Store in cool/well ventilated place. Keep away from heat. Inspect periodically for damage or leaks, protect against physical damage. Keep away from acids, amines,

(strong) bases and other incompatibles.

Keep containers closed when not in use.

Have appropriate fire extinguishers and spill clean-up equipment in or near storage area.

Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel.

Storage:

Information - Use approved containers  
Requirements - Keep container tightly closed  
Do not store below <5 C (41 F)  
Do not keep at temperature above 35 C (95 F)  
Keep in cool area, Do Not store in direct sunlight  
KEEP OUT OF THE REACH OF CHILDREN

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

8.1 Control parameters

Use only in well-ventilated areas. Apply technical measure to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

Personal Protective Equipment:

Appropriate engineering controls: Provide adequate ventilation or other controls to keep the airborne concentrations of vapor or mists below the applicable work place exposure limits.  
Eye wash station and shower in close proximity to use  
Hand protection: If prolonged or repeated skin contact is likely, wear appropriate protective gloves.  
Eye protection: Wear appropriate protective eye glasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.  
Skin and body protection: Protective clothing.

Avoid release to the environment.

9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear	Odor:	Mild odor
Physical State:	Liquid	Molecular Formula:	N/A
Odor Threshold:	Not measured	Solubility:	Non soluble
Spec Grav./Density:	1.09 (25 deg C)	Percent Volatile:	None (Zero VOC)
Viscosity:	N/A	Freezing/Melting Pt.:	10 deg C
Boiling Point:	Not available	Flash Point:	115 deg C
Flammability:	Not available	Vapor Density:	1 [air=1]
Vapor Pressure:	Not available	VOC:	0 %
pH:	N/A	Auto-Ignition Temp:	Not available
Evap. Rate:	Not available	UFL/LFL:	Not available

10

STABILITY AND REACTIVITY

Chemical Stability:

Stable

Conditions to Avoid:

Keep away from excessive heat or open flame. Store below maximum storage temperature.

Materials to Avoid:

Strong oxidizing agents; Acids, Bases, caustic soda (sodium hydroxide).

Hazardous Decomposition:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Hazardous Polymerization:

Hazardous Polymerization will not occur alone. Reacts with considerable heat release with some curing agents. Polymerises exothermically with amines, mercaptans and Lewis acids at ambient temperature and above.

**ACUTE TOXICITY**

Not available

**IRITATION/CORROSION**

Conclusion/Summary

Skin: Not available

Eyes: Not available

Respiratory: Not available

**SENSITIZATION**

Conclusion/Summary

Skin: Not available

Respiratory: Not available

**MUTAGENICITY**

Conclusion/Summary: Not available

**CARCINOGENICITY**

Conclusion/Summary: Not available

**REPRODUCTIVE TOXICITY**

Conclusion/Summary: Not available

**TERATOGENICITY**

Conclusion/Summary: Not available

**SPECIFIC TARGET ORGAN TOXICITY (SINGLE AND REPEATED EXPOSURE)**

Not Available

**ASPIRATION HAZARD**

Not available

**INFORMATION ON THE LIKELY ROUTES OF EXPOSURE:**

Not available

**SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:**

Eye Contact: Adverse symptoms may include; Irritation, watering, redness

Inhalation: No specific data.

Skin contact: Adverse symptoms may include the following: irritation, redness

Ingestion: No specific data

**DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG EXPOSURE:****Short term exposure**

Potential immediate effects: Not available

Potential delayed effects: Not available

**LONG TERM EXPOSURE**

Potential immediate effects: Not available

Potential delayed effects: Not available

**POTENTIAL CHRONIC HEALTH EFFECTS**

Conclusion/Summary: Not available

**General: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.**

Carcinogenicity: No known significant effects or critical hazards

Mutagenicity: No known significant effects or critical hazards

Teratogenicity: No known significant effects or critical hazards

Developmental effects: No known significant effects or critical hazards

Fertility effects: No known significant effects or critical hazards

Acute toxicity estimates: Not available

Not available

No known significant effects or critical hazards

**DISPOSAL CONSIDERATIONS (NON-MANDATORY)**

## Waste Treatment Methods

This product, when being disposed of in its unused and uncontaminated state should be treated as hazardous waste according to U.S. EPA and/or EC Directive 91/689/EEC. Any disposal practices must be in compliance with all national and State/Provincial laws and an municipal or local by-laws governing hazardous waste. For used, contaminated and residual materials additional evaluations may be required. Do not dump into any sewers, on the ground, or into any body of water.

## 14

## TRANSPORT INFORMATION

Not Regulated, (Epoxy Resin)

Land Transport: USDOT: Non Regulated

Sea Transport: IMDG: Non Regulated

Air Transport: IATA/ICAO: Non Regulated

CHEMTREC (800) 424-9300 CCN-

## 15

## REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[90-100%] Proprietary (\*\*\*\*\*)

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

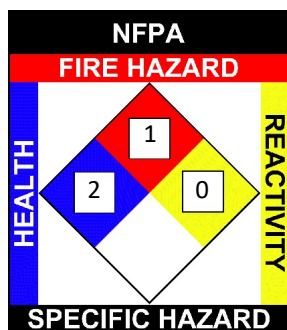
## 16

## OTHER INFORMATION

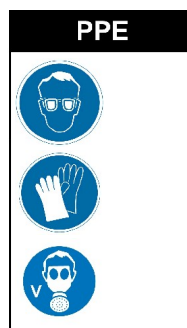
NFPA: Health = 2, Fire = 1, Reactivity = 0, Specific Hazard = n/a

HMIS III: Health = 2(Chronic), Fire = 1, Physical Hazard = 0

HMIS PPE: G - Safety Glasses, Gloves, Vapor Respirator



HMIS	
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G

**DISCLAIMER:**

The user's attention is drawn to the risks brought upon by the misuse of the product. This Safety Data Sheet does not exempt the user from knowing and applying the regulations corresponding to his/her activity. It is his/her own responsibility to take the precautions according to the use of this product.

**KEEP THIS and all chemicals OUT OF THE REACH OF CHILDREN !**

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Revision Date: 10/9/2018