

EPOXY COLORANT SERIES

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: NATURALIS EPOXY COLORANT SERIES
Common Name: EPOXY RESIN
SDS Number: NP-105
Revision Date: 2/21/19
Chemical Family: EPOXY RESIN
Product Description: SECTION 16 COLOR DESCRIPTION

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:	INHILATION HEALTH RISKS AND SYMTOMS OF EXPOSURE: Dizziness, headache, nausea, shortness of breath, slolvent taste in mouth, narcosis, euphoria, or unconsciousness.
Skin Contact:	SKIN ABSORPTION HEALTH RISKS AND SYSMPTIONS OF EXPOSURE: Prolonged or repeated unprotected skin contact may cause defatting, drying of the skin, or dermatitis.
Eye Contact:	EYE CONTACT HEALTH RISK AND SYMTOMS OF EXPOSURE: Buring 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
*****	.001-.005%	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 compliants 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 CO₂ 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	Auto-Ignition Temp:	Not available
pH:	N/A	UFL/LFL:	Not available
Evap. Rate:	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.

11 TOXICOLOGICAL INFORMATION

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

12**ECOLOGICAL INFORMATION**

Not available

No known significant effects or critical hazards

13**DISPOSAL CONSIDERATIONS****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 (*****)

[.001-.005%] Proprietary (*****)

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

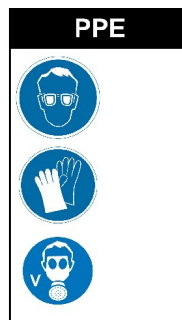
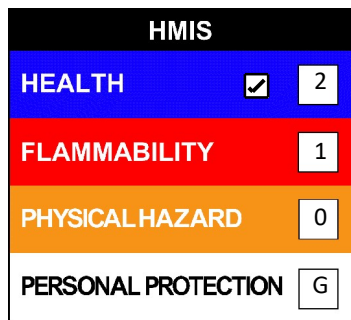
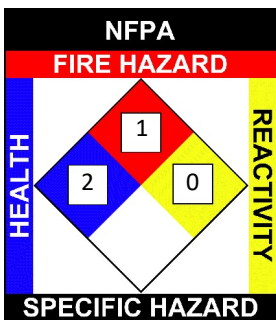
Regulatory Code Legend

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



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! The information and data contained herein is believed to be accurate at the time of preparation and has been obtained from sources believed to be generally reliable. No Warranty or Liability for the accuracy is made and no Liability will be assumed for claims arising from any party's use of or reliance on information or recommendations contained herein. No warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this product or information, the safety of this product, or the hazards related to its use. The information and product are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use thereof.

RESIN COLORANT CODES	SKU CODE	
Autumnal Red Gold	2030-1024-5	2
Dragon Fly Wing Red Blue	2030-1022-5	2
Lustrous Gold Green	2030-1023-5	3
Warm Winter		
Red Violet	2030-1019-5	3
Accented Shimmer		
Black	2030-1011-5	1
Glistening Pebble		
White	2030-1010-5	1
Blazing Red		
RED	2030-1012-5	1
Warm Bronze		
Bronze	2030-1050-5	3
Golden Warmth		

Gold	2030-1051-5	3
Dazzling Blue		
BLUE	2030-1014-5	3
Rust Green Flush	2030-1052-5	2
Blue Green Sea	2030-1053-5	2
Sky Blue Violet	2030-1054-5	2
Holograph Sparkle	2030-1055-5	2
Deep Ocean Green		
GREEN	2030-1056-5	3
Red Brown Shimmer	2030-1017-5	1
Soft Leaf Green	2030-1013-5	1
Solar Orange	2030-1016-5	1
Red Violet Glow	2030-1057-5	2
Plumage Blue	2030-1058-5	1
Beetle Blue Green	2030-1059-5	2
Sunrise Red Gold	2030-1060-5	2
Warm Orange	2030-1061-5	1
Coral Violet	2030-1018-5	1
Soft Pink	2030-1062-5	1

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