According to US OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian Worksafe, Japanese Industrial Standard JIS Z 7250:2000, Regulation (EC) No. 1272/2008, Regulation (EC) No. 1907/2006, Commission Regulation EU No. 2015/830 and Regulation (EU) 2020/878

Date: 12-04-2024 Version: 1.0

# SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 PRODUCT IDENTIFIER:

Commercial Product Name: Casting Resin (1 Litre kit) | Crystal Clear Epoxy Resin Kit |

Non-Toxic, Low Odor | High Gloss Thick Clear Coat | for River

Tables and Resin Casting Projects | 1:1 Mixing Ratio

Unique Product Code: B0CZTWTC2K

Trade Name: Casting Resin (1 Litre kit) | Crystal Clear Epoxy Resin Kit |

Non-Toxic, Low Odor | High Gloss Thick Clear Coat | for River

Tables and Resin Casting Projects | 1:1 Mixing Ratio

Product Included in KIT: Epoxy Resin Chemical Composition/Product Form: Epoxy Resin CAS No: 61788-97-4

#### 1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCES OR MIXTURES AND USES ADVISED AGAINST:

Intend Usage: This product is used as a Resin Art pigments which are

perfect for creating amazing natural cells, geode, and acrylic

pour art that pops with exhilarating colors.

Restriction on Use: For external use only

#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

Company Name: Krystal Resin

Company Address: 358 Edgeley Blvd, Concord, ON, L4K 3B7

Business Telephone: +1 416 876 1606

Website: <a href="www.krystalresin.com">www.krystalresin.com</a>
Email: <a href="info@krystalresin.com">info@krystalresin.com</a>

#### 1.4 EMERGENCY TELEPHONE NUMBERS (24-HOUR EMERGENCY CONTACT):

24-hour Emergency Contact: +1 416 876 1606

#### SECTION 2: HAZARDS IDENTIFICATION:

**2.1 EMERGENCY OVERVIEW:** This SDS should be retained and available for employees and

other users of this product. The toxicological properties of the mixture have not been fully investigated. This product is considered non-hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200), REACH Regulation EC No. 1907/2006, Regulation EU No. 2015/800

According to US OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian Worksafe, Japanese Industrial Standard JIS Z 7250:2000, Regulation (EC) No. 1272/2008, Regulation (EC) No. 1907/2006, Commission Regulation EU No. 2015/830 and Regulation (EU) 2020/878

Date: 12-04-2024 Version: 1.0

and EC NO 1272/2008. Non dangerous substance or mixture

according to the Globally Harmonized System (GHS).

#### 2.2 LABELING AND CLASSIFICATION IN ACCORDANCE WITH GHS:

Hazards Classification of Substance: Not classified as hazardous substance

Signal Word:Not RequiredHazards Pictograms:Not RequiredHazard Statements:Not RequiredPrecautionary Statements:Not Required

**Storage Statements:** Please refer to Section 7 for Storage and Section 13 for

Disposal information.

**Disposal Statements:** P501: Dispose of contents and/or container in accordance

with local, regional, national and/or international regulation.

Please refer to Section 7 for Storage and Section 13 for

Disposal information.

Hazard(s) not otherwise classified (HNOC): None Identified

**Supplemental Information:** None **2.3 HEALTH HAZARDS OR RISKS FROM EXPOSURE:** 

#### 2.3.1 SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE:

The most significant routes of overexposure for this product are by contact with skin or eyes. The symptoms of overexposure are described in the following paragraphs.

Acute: Based on available information, this material is not classified as hazardous

Inhalation: Based on available information, this material is not classified as hazardous

Skin Contact: Based on available information, this material is not classified as hazardous

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes

with plenty of water for at least 15 minutes. Cold water may be used. Get medical

attention.

**Ingestion:** Based on available information, this material is not classified as hazardous **Chronic:** Based on available information, this material is not classified as hazardous

Carcinogenic Effects: Not Available
Mutagenic Effects: Not available
Teratogenic Effects: Not available
Developmental Not available
Toxicity: Not available
Adverse effects: Not available

According to US OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian Worksafe, Japanese Industrial Standard JIS Z 7250:2000, Regulation (EC) No. 1272/2008, Regulation (EC) No. 1907/2006, Commission Regulation EU No. 2015/830 and Regulation (EU) 2020/878

Date: 12-04-2024 Version: 1.0

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### **3.1 TYPE OF PRODUCT:**

Mixture

#### 3.2 INGREDIENTS:

CHEMICAL NAME	PRODUCT IDENTIFIER CAS NO.	COMPOSITION%	CLASIFICATION FOR (CLP) 1272/2008
EPOXY RESIN	61788-97-4	100%	NOT CLASSIFIED AS HAZARDOUS

### SECTION 4: FIRST-AID MEASURES

#### **4.1 DESCRIPTION OF FIRST AID MEASURES:**

#### **4.1.1 FIRST AID MEASURES GENERAL:**

Never give anything by mouth to an unconscious person If you feel unwell, seek medical advice (show the label where possible)

### **4.1.2 IN CASE OF INHALATION:**

Not dangerous when inhaled

#### **4.1.3 IN CASE OF SKIN CONTACT:**

Not known effects of this product while in contact with skin.

#### **4.1.4 IN CASE OF EYE CONTACT:**

Not known effects of this product while in contact with eyes.

#### 4.1.5 IN CASE OF INGESTION:

Not known effects of this product while ingested.

# **4.2 SYMPTOMS AND EFFECTS BOTH ACUTE AND DELAYED:**

#### **4.2.1 SYMPTOMS/INJURIES:**

No hazardous reaction is found.

## 4.2.2 SYMPTOMS/INJURIES AFTER INHALATION:

No hazardous reaction is found.

# 4.2.3 SYMPTOMS/INJURIES AFTER SKIN CONTACT:

No hazardous reaction is found.

## **4.2.4 SYMPTOMS/INJURIES AFTER EYE CONTACT:**

No hazardous reaction is found.

### 4.2.5 SYMPTOMS/INJURIES AFTER INGESTION:

No hazardous reaction is found.

According to US OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian Worksafe, Japanese Industrial Standard JIS Z 7250:2000, Regulation (EC) No. 1272/2008, Regulation (EC) No. 1907/2006, Commission Regulation EU No. 2015/830 and Regulation (EU) 2020/878

Date: 12-04-2024 Version: 1.0

#### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No additional information available

# SECTION 5: FIREFIGHTING MEASURES

#### **5.1 SUITABLE EXTINGUISHING MEDIA:**

Use the following fire extinguishing media:

Water Spray:
Carbon Di Oxide:
Alcohol Resistant Foam:
Yes
Pry Chemical:
Yes

#### **5.2 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:**

**Explosion Hazards:**No Information Available

**Specific Hazards Arising from the** 

Chemical: This product is not flammable at ambient temperatures and

atmospheric pressure.

Hazardous Combustion Products: No Information Available

Reactivity: Not Determined

#### **5.3 ADVICE FOR FIRE FIGHTERS:**

Firefighters should wear full firefighting turn-out gear (full Bunker gear) including **NIOSH** approved self-contained breathing apparatus **(SCBA)** with full face piece operated in the pressure demand or other positive pressure mode.

# Special protective equipment and

**precautions for firefighters:** Firefighters must use standard protective equipment including

flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighter's protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting

fires.

**Firefighting equipment/instructions:** In case of fire and/or explosion do not breathe fumes. Use

standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Water runoff can cause environmental damage. Ventilate closed spaces before

According to US OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian Worksafe, Japanese Industrial Standard JIS Z 7250:2000, Regulation (EC) No. 1272/2008, Regulation (EC) No. 1907/2006, Commission Regulation EU No. 2015/830 and Regulation (EU) 2020/878

Date: 12-04-2024 Version: 1.0

entering them. Keep run-off water out of sewers and water

sources.

**Specific methods:** Use water spray to cool unopened containers.

# SECTION 6: ACCIDENTAL RELEASE MEASURES

# 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

#### **6.2 ENVIRONMENTAL PRECAUTIONS:**

Prevent further leakage or spillage if safe to do so.

**6.3 SPILL AND LEAK RESPONSE:** 

Small Spills:Contain the areaLarge Spills:Contain the area

#### SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING: Use with adequate ventilation. Wear suitable protective

equipment during handling. Avoid breathing dust, fume or vapors. Wear protective gloves. Wash thoroughly after

handling. Protect from moisture.

**7.1.1 HYGIENE MEASURES:** Wash hands and other exposed areas with mild soap and

water before eating, drinking or smoking and when leaving

work.

#### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

**Technical Measures:** Ensure the ventilation system is regularly maintained and

tested. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits. A washing facility/water for eye and skin cleaning purposes should be

present. Comply with applicable regulations.

Storage Conditions: Keep containers tightly closed in a dry, cool and well-

ventilated place.

#### 7.3 SPECIFIC END USE(S):

No additional information available

According to US OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian Worksafe, Japanese Industrial Standard JIS Z 7250:2000, Regulation (EC) No. 1272/2008, Regulation (EC) No. 1907/2006, Commission Regulation EU No. 2015/830 and Regulation (EU) 2020/878

Date: 12-04-2024 Version: 1.0

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **8.1 EXPOSURE PARAMETERS:**

Not Established as a Mixture

#### **8.2 EXPOSURE CONTROLS:**

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

**Personal Protective Equipment:** Avoid all unnecessary exposure. A hazard assessment of the

> work area for PPE requirements should be conducted by a qualified professional pursuant to OSHA regulations. For certain operations, additional personal protection equipment

> (PPE) may be required i.e. Protective goggle, gloves, protective

clothing.

Wear a self-contained breathing apparatus and appropriate **Respiratory protection:** 

> personal protective equipment (PPE) or NIOSH approved respirator. Suggestions provided in this section for exposure control and specific types of protective equipment are based on readily available information. Users should consult with the specific manufacturer to confirm the performance of their protective equipment. Specific situations may require consultation with industrial hygiene, safety, or engineering professionals. Care must be taken to assure that any

ammonia and ethyl alcohol vapors.

Safety glasses or goggles are recommended. **Eye Protection:** 

> If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian

> respirator chosen is capable of protecting the user from both

Standards, or relevant Japanese Standards.

**Hand Protection:** Glove material: Viton (R) Gloves must be inspected prior to

use. Replace when worn. Protective gloves against cold (EN

511)

According to US OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian Worksafe, Japanese Industrial Standard JIS Z 7250:2000, Regulation (EC) No. 1272/2008, Regulation (EC) No. 1907/2006, Commission Regulation EU No. 2015/830 and Regulation (EU) 2020/878

Date: 12-04-2024 Version: 1.0

**Body Protection:** 

Remarks: Supplementary note: The specifications are based on information and tests from similar substances by analogy. Due to varying conditions (e.g. Temperature or other strains) it must be considered that the usage of a chemical protective glove in practice may be much shorter than the permeation time determined in accordance with EN 374. Since actual conditions of practical use often deviate from standardized conditions according EN 374 the glove manufacturer recommends using the chemical protective glove in practice not longer than 50% of the recommended permeation time. Manufacturer's directions for use should be observed because of great diversity of types. Suitable gloves tested according EN 374 are supplied

Use body protect appropriate to task being performed.

If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

# 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

Appearance (Physical State and Color): Liquid, Clear
Odor: Characteristics
Odor Threshold: Not Available

**pH:** 5.5 – 7.0

Melting/Freezing Point:Not AvailableBoiling Point:Not AvailableFlash Point:Not ApplicableEvaporation Rate:Not AvailableFlammability (Solid; Gas):Not Available

Upper/Lower Flammability or

According to US OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian Worksafe, Japanese Industrial Standard JIS Z 7250:2000, Regulation (EC) No. 1272/2008, Regulation (EC) No. 1907/2006, Commission Regulation EU No. 2015/830 and Regulation (EU) 2020/878

Date: 12-04-2024 Version: 1.0

Explosion Limits:

Vapor Pressure:

Vapor Density:

Relative Density:

Density kg/m3 @ 21.1°C:

Specific Gravity:

Not Available

Not Available

Not Available

Not Available

Insoluble in Water

Weight per Gallon:

Partition Coefficient (n-octanol/water):

Auto-Ignition Temperature:

Not Available

Not Available

Not Available

9.2 OTHER INFORMATION

No additional information is available at this time

# SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Stable under normal conditions. Hazardous polymerization

does not occur.

Chemical Stability: Product is considered stable and hazardous polymerization

will not occur.

Possibility of Hazardous Reactions:No Data AvailableConditions to Avoid:No Data AvailableIncompatible Materials:No Data AvailableHazardous Decomposition Products:No Data Available

#### SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

No experimental toxicological data on the preparation is available. The toxicological classification for this mixture has been carried out by using the conventional calculation method of the **Regulation (EU) No. 1272/2008~2017/776 (CLP)**.

Skin corrosion/irritation:No Data AvailableSerious eye damage/irritation:No Data Available

**Respiratory or skin sensitization:** Not classified (based on available data, the classification

criteria are not met)

According to US OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian Worksafe, Japanese Industrial Standard JIS Z 7250:2000, Regulation (EC) No. 1272/2008, Regulation (EC) No. 1907/2006, Commission Regulation EU No. 2015/830 and Regulation (EU) 2020/878

Date: 12-04-2024 Version: 1.0

**Germ cell mutagenicity:**Not classified (based on available data, the classification

criteria are not met)

Carcinogenicity: Not classified. No ingredient of this product present at levels

greater than or equal to 0.1% is identified as a carcinogen or

potential carcinogen by OSHA, NTP or IARC.

Reproductive Toxicity: Not classified (based on available data, the classification

criteria are not met)

**Specific target organ toxicity**Not classified (based on available data, the classification

(single exposure): criteria are not met)

**Specific target organ toxicity**Not classified (based on available data, the classification

(repeated exposure): criteria are not met)

**Aspiration Hazards:** Not classified (based on available data, the classification

criteria are not met)

**Potential adverse human**Based on available data, the classification criteria are not met.

health effects and symptoms:

**Symptoms/injuries after inhalation:** Not classified (based on available data, the classification

criteria are not met)

**Symptoms/injuries after skin contact:** Not classified (based on available data, the classification

criteria are not met)

**Symptoms/injuries after eye contact:** Not classified (based on available data, the classification

criteria are not met)

**Symptoms/injuries after ingestion:** Not classified (based on available data, the classification

criteria are not met)

# SECTION 12: ECOLOGICAL INFORMATION

### **12.1 TOXICITY**

No experimental ecotoxicological data on the preparation as such is available. The ecotoxicological classification for this mixture has been carried out by using the conventional calculation method of the Regulation (EU) No. 1272/2008~2017/776 (CLP).

#### 12.2 PERSISTANCE AND DEGRADIBILITY:

No specific test data available for the mixture

#### **12.3 BIO ACCUMULATIVE POTENTIAL:**

No specific test data available for the mixture

#### **12.4 MOBILITY IN SOIL:**

According to US OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian Worksafe, Japanese Industrial Standard JIS Z 7250:2000, Regulation (EC) No. 1272/2008, Regulation (EC) No. 1907/2006, Commission Regulation EU No. 2015/830 and Regulation (EU) 2020/878

Date: 12-04-2024 Version: 1.0

No specific data available on this product.

#### 12.5 RESULTS OF PBT AND vPvB ASSESSMENT:

No specific data available on this product.

#### **12.6 OTHER ADVERSE EFFECTS:**

Avoid release to the environment.

#### 12.7 WATER ENDANGERMENT CLASS:

At present, there are no eco-toxicological assessments for this product.

# SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Chemical waste generators must determine whether a

discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete

and accurate classification.

Additional Information: Handle empty containers with care because residual vapors

are irritants.

**Ecology – Waste Materials:** Avoid release to the environment.

# SECTION 14: TRANSPORT INFORMATION

#### 14.1 U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows;

UN Identification Number:

Proper Shipping Name:

Hazard Class Number and Description:

None
Packing Group:

None

None
North American Emergency Response

**Guidebook Number:** 

RQ Quantity: None

**14.2 ENVIRONMENTAL HAZARDS:** 

Marine Pollutant: The components of this product are not designated by the

Department of Transportation to be Marine Pollutants (49 CFR

172.101, Appendix B).

14.3 SPECIAL PRECAUTION FOR USER: None

According to US OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian Worksafe, Japanese Industrial Standard JIS Z 7250:2000, Regulation (EC) No. 1272/2008, Regulation (EC) No. 1907/2006, Commission Regulation EU No. 2015/830 and Regulation (EU) 2020/878

Date: 12-04-2024 Version: 1.0

### 14.4 INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA) AND ICAO:

This product is not considered as dangerous good.

#### 14.5 INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO):

This product is not considered as dangerous good.

# 14.6 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND IBC CODE:

# **European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR):**

This product is not considered by the United Nations Economic Commission for Europe to be dangerous goods

# SECTION 15: REGULATORY INFORMATION

COUNTRY	INVENTORY LIST	STATUS
UNITED STATES	TSCA	All ingredients are listed or otherwise compliant
EUROPE	EINECS or ELINCS	All ingredients are listed or otherwise compliant
CANADA	CEPA (DSL/NDSL)	All ingredients are listed or otherwise compliant
AUSTRALIA	AICS	All ingredients are listed or otherwise compliant
JAPAN	ENCS	All ingredients are listed or otherwise compliant
SOUTH KOREA	KECI	All ingredients are listed or otherwise compliant
CHINA	IECSC	All ingredients are listed or otherwise compliant
PHILIPPINES	PICCS	All ingredients are listed or otherwise compliant

US EPA TSCA Requirements: No data available

Canada WHMIS Confidential Business Information (CBI): No data available

**US EPA SARA TITLE III Reporting and Notification Requirements:** 

Subject to Section 302 (TPQ):

Subject to Section 304 (RQ):

No data available

**Subject to Section 311 or 312:**Refer to the health and physical classifications

in section 2

**Subject to Section 313:**No data available

State Regulatory Information: Chemicals listed below may be specifically

regulated by individual states. For details on state regulatory requirements you should

contact the appropriate state agency.

According to US OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian Worksafe, Japanese Industrial Standard JIS Z 7250:2000, Regulation (EC) No. 1272/2008, Regulation (EC) No. 1907/2006, Commission Regulation EU No. 2015/830 and Regulation (EU) 2020/878

Date: 12-04-2024 Version: 1.0

## SECTION 16: OTHER INFORMATION

Prepared By: Syed Muhammad Shamuel Shees (CSP, CMIOSH, PE, Health and Safety Expert)

**Date of Printing:** 12-04-2024

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary.

All health and safety information contained in this bulletin should be provided to your employees or customers. **Krystal Resin** assumes no responsibility for injury to vendee or third party person proximately caused by the material if reason Matrix Health Ltd. able safety procedures are not adhered to as stipulated in the data sheet. Furthermore, **Krystal Resin** assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.