

SoCur Inc.

Date Prepared: 5/1/2020  
Date Updated: 4/1/2024

# SAFETY DATA SHEET

## 1. IDENTIFICATION:

**Product Name:** ChipFix2.0™  
**Synonyms:** Ultraviolet cure fine putty  
**Product Code:** SOC51413  
**Recommended use:** Industrial only, surface coating  
**Restrictions on use:** See TDS for suitable substrates.  
**Container Size/Packaging:** 1 oz black polypropylene tube

### Details of the supplier of the safety data sheet:

**Company:**  
SOCUR® INC.  
5513 W 11000 N Unit 458  
HIGHLAND, UT 84003 USA

**Telephone:**  
+ 1 801 855 6501

**Emergency Telephone:**  
+ 1 801 855 6501  
POISON CONTROL 1-800-222-1222

## 2. HAZARDS IDENTIFICATION

### GHS Classification

Reproductive Toxicant Hazard Category 1B  
Skin Corrosion / Irritation Hazard Category 2  
Serious Eye Damage / Eye Irritation Hazard Category 2A  
Skin Sensitizer Category 1B  
Aquatic Environment Acute Hazard Category 2  
Aquatic Environment Chronic Hazard Category 2

### Label Elements



**Signal word:**  
DANGER

**Hazard Statements:**

H315	Causes skin irritation
H317	May cause allergic skin reaction
H319	Causes serious eye irritation
H360	May damage fertility or the unborn child
H4	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

**Precautionary Statements (Prevention):**

P201	Obtain special instructions before use.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P264	Wash with plenty of water and soap thoroughly after handling.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.

**Precautionary Statements (Response):**

P312	Call a POISON CENTER or doctor/physician if you feel unwell.
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.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P362 +P364	Take off contaminated clothing and wash it before reuse. Specific treatment (see on this label).
P333 +P313	If skin irritation or rash occurs: Get medical advice/attention.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P391	Collect spillage.

**Precautionary Statements (Storage):**

P403 +P233	Store in a well-ventilated place. Keep container tightly closed.
P403+ P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Precautionary Statements (Disposal):**

P501	Dispose of contents/container in accordance with local and national regulations.
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**Hazards Not Otherwise Classified (HNOC) Other Hazards**

Polymerization may occur from excessive heat, contamination or exposure to direct sunlight.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**According to Regulation 2012 OSHA Hazard Communication Standard:29 CFR 1910,1200**

<b><u>CAS Number</u></b>	<b><u>Weight %</u></b>	<b><u>Chemical Name</u></b>
-	20-30	acrylated resin
5888-33-5	10-19	isobornyl acrylate
-	1-10	acid modified methacrylate
162881-26-7	1-10	2,4,6 trimethylbenzoyldiphenyl phosphine oxide
77-58-7	<0.12	dibutyltin dilaurate

The exact percentage and/or specific chemical identity for one or more ingredients has been withheld as a trade secret.

#### **4. FIRST-AID MEASURES**

##### **First-aid measures**

##### **Inhalation:**

Remove to fresh air. If breathing is difficult, give oxygen. Obtain medical advice if there are persistent symptoms.

##### **Skin contact:**

Wash immediately with plenty of soap and water. Remove contaminated clothing and shoes without delay. Obtain medical attention. Destroy or thoroughly clean shoes and clothing before reuse.

##### **Eye contact:**

Rinse eyes with copious amounts of water for at least 15 minutes. Obtain medical attention if symptoms persist.

##### **If swallowed:**

If swallowed, seek immediate medical attention. Induce vomiting only under the advice of a physician. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**  
unknown

##### **Immediate Medical Attention and Special Treatment**

In all suspected situations, do not hesitate to seek medical attention.

Notes to physician: no specific measures or antidotes known.

#### **5. FIRE FIGHTING MEASURES**

##### **Suitable Extinguishing Media:**

Use water spray, fog, carbon dioxide or dry chemical.

##### **Unsuitable Extinguishing Media:**

Full water jet

**Special hazards arising from the substance or mixture:**

Hazards may arise during firefighting. Vapors are irritants and toxic. If product is heated above the decomposition temperature acrid smoke and fumes will be released.

**Protective Equipment:**

Firefighters and others exposed should wear self-contained breathing apparatus. Wear full firefighting protective clothing.

**Further information:**

Flooding the burning material with water due to potential spreading of fire. Flash fires may occur. Water run off may cause pollution. Contain firefighting water. Cool containers with water. Vapors are heavy and may accumulate in low regions and areas where ignition may occur.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions:**

Where the exposure level is unknown, wear approved positive pressure self-contained respirator. Where exposure level is known, wear approved respirator suitable for level of exposure. Always wear suitable protective clothing and equipment and ensure adequate ventilation in work area.

**Methods for Clean-Up:**

Cover spills with some inert absorbent material; sweep up and place in waste disposal container. Flush the spill area with water.

**Environmental Precautions:**

Avoid release into the environment.

A large spill requires notification to state, local and national emergency authorities.

**7. HANDLING AND STORAGE****HANDLING****Precautions for safe handling:**

Open container with care. Wash hands thoroughly after handling. Do not puncture, drop, or slide containers. Ensure proper ventilation or work area. Avoid contact with the skin eyes and clothing. Keep contaminated clothing inside the workplace. Use grounding straps when mixing and transferring material.

Ensure adequate ventilation of work area and appropriate respiratory protection when sanding, flame cutting, welding, or brazing coated surfaces. Do not apply product to hot surfaces.

**Protect against fire and explosion:**

There is risk of explosion if container is heated under confinement. Use antistatic tools. Exhaust fans should be explosion proof. Avoid all sources of ignition: heat, sparks, open flame.

Adequate ventilation is required for solvent vapors to avoid inhalation and to prevent ignition sources.

## STORAGE

Avoid excessive heat, ignition sources, direct sunlight, oxidizing agents, and strong acids.  
Storage temperature: room temperature < 40 °C

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Acrylate Resin	None Established
Isobornyl acrylate	None Established
Acid modified methacrylate	None Established
Phenyl-bis(2,4,6-trimethylbenzoyl)phosphine oxide	None Established
Dibutyltin dilaurate (as Tin)	0.1 mg/m <sup>3</sup> TWA, 0.2 mg/m <sup>3</sup> STEL ACGIH TLV(skin) 0.1 mg/m <sup>3</sup> TWA OSHA PEL

### Engineering Measures:

Provide local exhaust ventilation to maintain P.E.L

General mechanical ventilation should comply with OSHA 1910.94.

Where the material is not used in a closed system, good enclosure and local exhaust ventilation should be provided to control exposure when spraying or curing at elevated temperatures.

### Respiratory Protection:

Recommended respirators should be NIOSH certified or an equivalent organic vapor respirator. Particulate filters should be added during spray operations.

### Hand Protection:

The use of chemically resistant gloves is recommended. Laminated multilayer gloves with a breakthrough time >60 minutes, and with a thickness of >0.56 mm, with a breakthrough time >60 minutes. Do not use latex gloves. Use discretion when handling various chemicals.

### Eye Protection:

Wear a face shield and/or tightly fitting safety goggles (chemical goggles.) Eyewash equipment and safety shower should be provided in areas of potential exposure.

### Skin protection:

Avoid skin contact. Wear impermeable gloves and appropriate protective clothing. Barrier creams may provide another layer of protection.

### General Safety Measures:

Do not consume food or drink in work areas where this material is being used. Before eating or drinking thoroughly wash hands and face with soap and water. Work clothing and shoes should stay at work. Clothing should be laundered prior to reuse.

The workplace should possess an eye wash station and shower.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>Form:</b>	liquid
<b>Odor:</b>	product specific

<b>Odor threshold:</b>	not available
<b>Color:</b>	translucent
<b>pH:</b>	not available
<b>Melting Point (°C) :</b>	not available
<b>Boiling point (°C) :</b>	not available
<b>Sublimation point:</b>	not available
<b>Flash Point:</b>	not available
<b>Evaporation rate:</b>	not available
<b>Flammability Limits in Air:</b>	not available
<b>Flammability (solid/gas):</b>	not available
<b>Explosive properties:</b>	not available
<b>Autoignition temperature:</b>	not available
<b>Vapor Pressure:</b>	not available
<b>Vapor Density:</b>	not available
<b>Relative density:</b>	not available
<b>Water solubility:</b>	virtually insoluble
<b>Viscosity:</b>	not available
<b>Partition coefficient: (n-octanol/water)</b>	not available
<b>Other solvent solubility:</b>	not available
<b>VOC content:</b>	not applicable
<b>Oxidizing Properties:</b>	not available

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## 10. STABILITY AND REACTIVITY:

<b>Reactivity:</b>	No information available.
<b>Stability:</b>	Chemically stable.
<b>Polymerization:</b>	May occur.
<b>Conditions to avoid:</b>	Direct sunlight exposure. Overheating. Exposure to high heat, ignition sources heat sparks and open flames. Electro-static discharge.
<b>Incompatible materials:</b>	Strong acids Strong bases Strong oxidizing agents Peroxides
<b>Hazardous decomposition products:</b>	Oxides of Carbon Nitrous oxides Phosphorus oxides
<b>Thermal decomposition:</b>	No information available.

## 11. TOXICOLOGICAL INFORMATION

### **Primary routes of exposure**

Routes of entry for solids and liquids are ingestion and inhalation but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may entry for liquified gases.

### **ACUTE TOXICITY DATA**

This product has not been tested.

### **LOCAL EFFECTS ON SKIN AND EYE**

Acute Irritation           dermal

Acute Irritation           eye

### **ALLERGIC SENSITIZATION**

Sensitization of the skin will likely occur. No data on respiratory.

### **GENOTOXICITY**

No data currently available.

### **OTHER INFORMATION**

The product has not been fully tested and acute effects are derived from certain ingredients. Prolonged or repeated skin exposure may result in irritation such as dermatitis, blistering or redness. Inhalation of airborne droplets may cause irritation to the respiratory system.

### **HAZARDOUS INGREDIENT TOXICITY DATA**

Isobornyl acrylate has an oral (rat) and dermal (rat) LD50 values of 4350 mg/kg and >3000 mg/kg, respectively. Isobornyl acrylate may cause eye and skin irritation. Prolonged or repeated contact with this material may cause allergic skin reaction. The inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract. Mutagenicity - Both positive and negative responses were observed in standard tests for genetic changes.

Based on literature and actual test data, dibutyltin dilaurate (DBTL) has acute oral LD50 values ranging from less than 2000 to >2000 mg/kg. The acute dermal LD50 (rat) is >2000 mg/kg. Dibutyltin dilaurate (DBTL) may cause severe eye and skin irritation and/or burns and respiratory tract irritation. This substance may cause skin sensitization (allergic skin reactions). Repeated oral administration of DBTL has caused liver damage and death in animals. Neurotoxicity has also been observed in animals after oral exposure. DBTL may impair fertility, may cause harm to the unborn child and is suspected of causing genetic defects.

The toxicological properties of acrylated resin have not been fully investigated. Direct contact with this material may cause moderate eye and skin irritation. Mildly to moderately irritating to skin. Moderately to severely irritating to eyes. Mildly to moderately irritating to respiratory system. Contact with skin may cause a cross-allergic skin reaction in persons already sensitized to acrylate materials.

## **12. ECOLOGICAL INFORMATION**

## **TOXICITY, PERSISTENCE AND DEGRADABILITY, BIOACCUMULATIVE POTENTIAL, MOBILITY IN SOIL, OTHER ADVERSE EFFECTS**

### **Overall Environmental Toxicity:**

Toxic to aquatic life. Toxic to aquatic life with long lasting effects. The ecological assessment for this material is based on an evaluation of its components.

### **RESULTS OF PBT AND vPvB ASSESSMENT**

Not determined

### **HAZARDOUS INGREDIENT TOXICITY DATA**

No data available at this time.

## **13. DISPOSAL CONSIDERATIONS**

### **Waste disposal of substance:**

Do not incinerate closed containers. The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste. Do not discharge into drains/surface waters/groundwater.

Incinerate or dispose of in a RCRA-licensed facility. Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

### **Container disposal:**

WARNING: Empty containers may still contain hazardous residue. Dispose of in accordance with national, state and local regulations.

## **14. TRANSPORT INFORMATION**

### **Land transport**

USDOT

Hazard class:	3
Packing group:	II
ID number:	UN 1263
Hazard label:	3
Proper shipping name:	PAINT

### **Sea transport**

IMDG

Hazard class:	3
Packing group:	II



ID number: UN 1263  
Hazard label: 3, EHSM  
Marine pollutant: YES  
Proper shipping name: PAINT (contains Isobornyl Acrylate)

### **Air transport**

IATA/ICAO

Hazard class: 3  
Packing group: II  
ID number: UN 1263  
Hazard label: 3  
Proper shipping name: PAINT

## **15. REGULATORY INFORMATION**

### **Federal Regulations**

#### **Registration status:**

**Chemical** TSCA, US released/listed

#### **EPCRA 311/312 (Hazard Categories):**

Refer to SDS section 2 for GHS hazard classes applicable for this product.

#### **EPCRA 313:**

### **State Regulations**

<b><u>State RTK</u></b>	<b><u>CAS Number</u></b>	<b><u>Chemical name</u></b>
NJ	14807-96-6	talc
PA	14807-96-6	talc

#### **Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:**

**WARNING:** This product can expose you to chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

#### **NFPA Hazard codes:**

Health: 2      Fire: 0      Reactivity: 0      Special:

### HMIS III rating

Health: 2<sup>+</sup>    Flammability: 0    Physical hazard:0

### 16. OTHER INFORMATION:

Prepared by : SoCur Inc. using guidelines available from OSHA hazard communication and GHS guidelines for labeling safety information of the chemicals used in this product.

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