

8/12/2024: File reviewed, more current MSDS/SDS not available. CAS

Safety Data Sheet**Engraving Plastisol**

Version Number: 2

Revision Date: 2/9/2016

1. Identification**Product Identifiers:**

GHS product identifier: Engraving Plastisol
Other means of identification: Engraving Plastisol

Recommended use of product:

Product use: Art applications
Restrictions of use: Not recommended for any application other than product use.

Supplier Details:

Paoli Clay
6879 Paoli Road
Belleville, WI 53508
Tel.: 608-845-7000 Fax: 608-845-7015

Emergency Telephone Number:

Chem-Tel, Inc.
1-800-255-3924

2. Hazard(s) Identification**OSHA status:**

This material is not considered hazardous by the OSHA Hazard Communication Standard(29 CFR 1910.1200). Refer to Section 15 for hazards associated with specific regulations and entities.

GHS Hazard Classification:

Not classified

Signal Word:

None

Hazard Statements:

None

Precautionary Statements:

None

Hazards not otherwise classified:

None

This mixture has not been evaluated as a whole for health effects. The information provided on health effects is based on the individual components. Production of smoke may occur during the normal manufacturing process, which may release some vapors. The user should provide the proper ventilation (mechanical, local exhaust, respiratory protection, etc.) to be protected from exposure. It is always recommended to practice good industrial hygiene. See Section 8 for personal precautions.

3. Composition/Information on Ingredients**Chemical Name:**

Mixture

Other identifiers:

Engraving Plastisol

CAS number(s):

Mixture

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This is a cured vinyl product.
This product is dusted with cornstarch.
This product does not contain latex.

There are no components of this material that meet the reporting requirements of carcinogenic or hazardous chemicals by OSHA, or they are inextricably bound to the product. Substances reported in Section 15 are evaluated based upon the regulations of that specific organization or entity.

4. First Aid Measures

First aid measures:**Eye contact:**

Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do-continue rinsing. Get medical attention if irritation occurs.

Skin contact:

Wash with soap and water. Get medical attention if irritation occurs.

Inhalation:

Not applicable.

Ingestion:

Seek medical treatment if you experience adverse symptoms such as trouble breathing or pain occur.

General Advice: Get medical attention if you continue to feel unwell after exposure.

Most important symptoms/effects, acute and delayed**Potential acute health effects:**

Eye contact:

No specific data.

Skin contact:

May cause rash or irritation in some individuals.

Inhalation:

No specific data.

Ingestion:

No specific data.

Potential delayed health effects:

Eye contact:

No specific data.

Skin contact:

No specific data.

Inhalation:

No specific data.

Ingestion:

No specific data.

Indication of immediate medical attention and special treatment, if necessary:**Notes to physician:**

Treat symptomatically.

Specific treatments:

No specific treatments.

5. Fire-fighting Measures

Extinguishing Media:

Appropriate extinguishing media:

Foam , CO , dry chemical, water fog

Inappropriate extinguishing media:

None known

Specific hazards arising from the chemical:

Hazardous decomposition products:

CO₂, CO, and HCl**Special protective actions for fire-fighters:**

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Special fire-fighting hazards:Wear a self-contained breathing apparatus and protective clothing.
None.**Further Information:****Flammable Limits:**Flash Point: Not determined
Self-ignition temperature: Not self-igniting
Upper/lower explosion limit LEL: N/A UEL: N/A**Disposal:** Dispose of fire debris in accordance with official regulations.

6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures:For non-emergency personnel: Handle with good industrial hygiene and safety precautions. Wear chemical resistant gloves and safety glasses/goggles. Do not take action without proper training. Evacuate surrounding areas so as to make a suitable work space.
For emergency responders: See the information above for "non-emergency personnel". Put on appropriate personal protection equipment.**Environmental precautions:** Keep away from drains, surface and ground water.**Methods and materials for containment and cleaning up:**

Small/Large spills: Dike area to contain spill. Product may be salvaged for reuse, if possible. Otherwise, place in suitable containers for disposal. Dispose of with a licensed waste disposal contractor and in accordance with local, state, and federal regulations.

7. Handling and Storage

Precautions for safe handling:

Advice on general personal protection: Ensure thorough ventilation of work areas. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Keep product in the original container when not in use or in an approved alternative for operation. Wear the appropriate personal protective equipment as suggested in Section 8.

Advice on general industrial hygiene: Handle in accordance with good industrial hygiene.

Conditions for safe storage, including any incompatibilities:

General Advice: Keep container air tight. Store away from water and heat when not in use. Keep away from incompatible materials, food and drink. Do not store in unlabeled containers. Store in accordance with local regulations.

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Storage Incompatibility: Store away from strong oxidizing agents and heat.

8. Exposure Controls and Personal Protection

Control parameters:	None
Appropriate engineering controls:	Not applicable
Individual protection measures:	
Occupational hygiene measures:	Wash hands after handling this material and before eating, smoking, and using the restroom.
Eye/face protection:	Safety glasses are recommended during cutting of this product.
Skin protection:	Gloves, such as nitrile, PVC, or cloth are recommended while handling this product.
Respiratory protection:	Not applicable
Personal protection:	Respiratory: Not applicable. Eyes: Safety glasses Skin: Chemical resistant or impervious (such as nitrile) gloves.

9. Physical and Chemical Properties

Form:	solid
Color:	light grey
Odor:	slight
Odor threshold:	Not available.
pH:	Not available.
Melting point:	Not available.
Freezing point:	Not available.
Boiling point:	Not available.
Boiling point range:	Not available.
Flash point:	Not available.
Evaporation rate:	Not available.
Flammability:	Not available.
Upper/lower flammability limits:	Upper: Not available. Lower: Not available.
Vapor pressure:	Non-volatile
Vapor density:	Not available.
Density(g/cm ³):	1.49
Solubility(H ₂ O):	Not available.
Partition coefficient (n-octanol/water):	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity (kinematic):	Not available.

10. Stability and Reactivity

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Reactivity:	Resistant to most acids and alkalis below 60°C (140°F)
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	May be attacked by strong acids at elevated temperatures. Neither hazardous or self polymerization will occur.
Conditions to avoid:	Keep away from oxidizing agents, heat and humidity. Do not cut with a laser.
Incompatible materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	CO ₂ , CO, and HCl

11. Toxicological Information

This mixture has not been tested as a whole for health effects. It is important to note the interactions of individual components of the mixture affect the overall toxicity of the mixture, thus the toxicity of the mixture may be different than the individual components. The information listed below for exposure effects is based on the available health data for the individual components of the mixture present in concentrations that would affect the toxicity of the overall product.

Acute Toxicity:	Mixture-not fully tested.
Irritation/Corrosion:	Mixture-not fully tested.
Sensitization:	Mixture-not fully tested.
Mutagenicity:	Mixture-not fully tested.
Carcinogenicity:	Mixture-not fully tested.
Reproductive toxicity:	Mixture-not fully tested.
Specific target organ toxicity:	
Single Exposure:	Not available.
Repeated Exposure:	Not available.
Aspiration Hazard:	Not available.

Information on the likely routes of exposure:
Not available.

Symptoms related to physical, chemical, and toxicological characteristics:

Eye contact:	No specific data.
Inhalation:	No specific data.
Skin contact:	No specific data.
Ingestion:	No specific data.

Delayed, immediate, and chronic effects from short and long term exposure:

<i>Short term exposure:</i>	
Immediate effects:	Not available.
Delayed effects:	Not available.
<i>Long term exposure:</i>	

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Delayed effects: Not available.*Chronic health effects:* Not available.

12. Ecological Information

Toxicity: Not available.**Persistence and degradability:** Not available.**Bioaccumulative potential:** Not available.**Mobility in soil:** Not available.**Other adverse effects:** Not available.

13. Disposal Considerations

Disposal methods of:

Substance: Non-recyclable material should be disposed of in accordance with requirements of national, state, and local regulations. Disposal should also comply with any environmental regulations. Do not dispose of product, spilled material, and/or runoff into drains and sewers. Avoid dispersal of material into soil and waterways.

Containers: Not applicable.

For persons conducting disposal or recycling, refer to Section 8 for safety precautions and personal protection.

14. Transport Information

U.S. DOT Classification: Not regulated for transportation.

ICAO/IATA: Refer to specific transport rules.

IMO/IMDG (maritime): Refer to specific transport rules.

15. Regulatory Information

TSCA(USA) All components are either listed/not listed.**SARA 312**

Classification: Not classified

SARA 313

Regulated chemicals: Not applicable.

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This product does not contain a chemical listed by the State of California as carcinogenic or a reproductive

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toxin and, thus, is not subject to labeling requirements.

16. Other Information

HMIS

Health:	1
Flammability:	1
Physical Hazard:	0
PPE:	See section 8

NFPA

Health:	1
Flammability:	1
Instability/reactivity:	0
Special notice:	-

Date issued:	2/9/2016
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Date of previous version:	12/31/2015
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The information used to create this Safety Data Sheet is believed to be accurate. The information of individual components compiled to classify this product is to the best our knowledge and believed to be accurate. However, there is no warranty or guarantee, of any kind, to its accuracy, reliability, or completeness. It is the responsibility of the user to determine the suitability of this Safety Data Sheet for their own specific use. The information provided is related to the specific use of the product and may not be valid in any other process. All materials may present hazards that are unknown. We do not accept liability for loss or damage that may occur from the use of this information. Specific regulatory information is provided in this SDS. It is the responsibility of the user to know and comply with all applicable regulations.