



Safety Data Sheet

1. COMPANY AND PRODUCT IDENTIFICATION

Penguin Pottery LLC 193 A St, Unit 42 Wilder, VT 05088 603-200-3042 support@penguinpottery.com www.penguinpottery.com	IN CASE OF EMERGENCY PLEASE CONTACT YOUR REGIONAL / LOCAL POISON CONTROL CENTER. 1-800-222-1222
Product name:	Penguin Pottery Wax Resist
Product use/description:	Ceramic Glaze Resist
Product Identifier Codes:	PP-CH-WAXRESIST PP-CH-WAXRESIST-HG
Restrictions on use:	None known.

2. HAZARDS IDENTIFICATION

Classification:	This mixture does not meet criteria for classification.
Hazard statement:	Not applicable
Other hazards:	Not applicable
Signal word:	Not applicable
Precautionary statement:	Not applicable
Pictogram(s) by GHS:	Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Detailed formulation is proprietary information.

Chemical nature of the preparation: Anionic paraffin/polyethylene wax emulsion.

4. FIRST AID MEASURES

On inhalation:	May cause irritation if allowed to dry and inhaled in powder form. Remove from exposure.
On skin contact:	Wash skin with soap and water. If symptoms develop or persist, seek medical attention.
On eye contact:	Flush eyes with water as a precaution. Get medical attention if irritation develops or persists. Direct contact with eyes may cause temporary irritation.
On ingestion:	Drink 1-2 glasses of water. Get medical attention. Never give anything by mouth to an unconscious person. Contact physician.
Acute/delayed symptoms:	None known.
Medical advice:	Treat symptomatically.
Symptoms / effects:	None known.
Special treatment needed:	None known.

5. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Environmental precautions Do not allow material to contaminate ground water system.

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

6. FIREFIGHTING MEASURES

Extinguishing Media

Suitable extinguishing media:	Product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.
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Unsuitable extinguishing media:	None known
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Protection of Firefighters

Specific hazards arising from the chemical:	None known
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Protective equipment for firefighters:	None
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Special precautions for fire fighters:	None known
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Will hazardous combustion occur?	Will not occur
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Personal precautions:	None
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Environmental precautions:	Avoid discharge into drains, water courses, or onto the ground.
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Methods for cleaning up:	Absorb spillage with suitable absorbent material. Collect and dispose of spillage as indicated in Section 13 of this SDS.
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Recommended personal protective equipment:	See Section 8 of this SDS.
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7. HANDLING AND STORAGE

Safe storage:	Store in closed original container in a dry place. Storage temperature: between 4°C and 38°C. Protect from freezing.
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Safe handling:	Avoid breathing mist/vapors/spray. Food, beverages, and smoking materials should not be in the work area. Wash thoroughly before eating, drinking, smoking, or applying cosmetics.
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Known incompatibilities:	None known. Protect from freezing.
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8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure guidelines:

- This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Measures Showers

- Eyewash stations
- Ventilation systems.

Individual protection measures, such as personal protective equipment

- Eye/face Protection Tightly fitting safety goggles.
- Skin and body protection Long sleeved clothing. Protective gloves.
- Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
- Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state/appearance:	Liquid / cream
Color:	White
Odor:	Odorless or negligible
Odor threshold:	N/A
pH:	8.5-9.5
Boiling point/range:	N/A
Melting point/range:	N/A
Flash point:	Not flammable
Evaporation rate:	N/A
Vapor density:	N/A
Solubility(ies):	Miscible in water
Vapor pressure:	N/A
Relative density:	8.07
Viscosity:	<1000 cps
Partition coefficient (n-octanol/water), if applicable:	N/A
Explosive properties:	N/A
Flammability: (solid, gas)	Not flammable
Flammability limit in air: upper/lower	N/A
Autoignition temperature:	None known
Decomposition temperature:	N/A

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions
Conditions to avoid:	Freezing
Incompatible materials:	None known
Hazardous decomposition products:	None known
Possibility of hazardous reactions:	Will not occur
Reactivity:	Stable under normal conditions
Hazardous polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Eye contact – serious eye damage or irritation	Direct contact with eyes may cause temporary irritation.
Skin contact – skin corrosion, sensitization or irritation:	No data available
Ingestion – carcinogenicity/aspiration hazard:	Contains no ingredients above reportable quantities listed as a carcinogen
Inhalation – respiratory sensitization/toxicity:	No data available
Symptoms related to the physical chemical and toxicological characteristics:	No data available
Information on toxicological effects:	None known
Delayed or immediate effects:	No data available
Germ cell mutagenicity:	No data available
Specific target organ toxicity (single exposure):	No data available
Specific target organ toxicity (repeated exposure):	No data available
Chemicals listed on NTP, IARC or OSHA as a	None listed

12. ECOLOGICAL INFORMATION (NON-MANDATORY)

Ecotoxicity:	39.33123% of the mixture consists of components(s) of unknown hazards to the aquatic environment
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Aquatic / terrestrial warnings:	No data available
Mobility in soil:	No data available
Other adverse effects:	No data available

13. DISPOSAL CONSIDERATIONS (NON-MANDATORY)

Disposal instructions:	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
Local disposal regulations:	Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.
Hazardous waste code:	None known. Waste codes should be assigned by the user based on the application for which the product was used.
Contaminated packaging:	Offer rinsed packaging materials to local recycling facilities.
Waste residues:	Do not discharge into drains, water courses or onto the ground.

14. TRANSPORTATION INFORMATION (NON-MANDATORY)

	DOT	IMDG	IATA
UN/ID number:	Not regulated	Not regulated	Not regulated
Proper shipping name:	Not applicable		
Transport hazard class:	N/A	N/A	N/A
Packing group (if applicable):	N/A	N/A	N/A
Environmental provisions:	No data	No data	No data
Special precautions:	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code	No data		
Emergency Response Guide Number: No data	EmS-No:	No data	

Pictograms

US: None	IATA; IMDG: None	Marine Pollutant: None
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15. REGULATORY INFORMATION (NON-MANDATORY)

International Inventories

- TSCA (USA) Complies
- DSL (Canada) Complies
- EINECS (Europe) Complies
- ENCS (Japan) Complies
- IECSC (China) Complies
- KECL (Korea) Complies
- PICCS (Philippines) Complies

AICS (Australia) Complies
ERMA (New Zealand) Complies
Taiwan This product complies with TECS
WHMIS Hazard Class
 Non-controlled

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

- **Acute health hazard** No
- **Chronic Health Hazard** No
- **Fire hazard** No
- **Sudden release of pressure hazard** No
- **Reactive Hazard** No

Clean Water Act

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
SODIUM HYDROXIDE 1310-73-2	1000 lb			X

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) and Volatile Organic Compounds (VOCs) (see 40 CFR 61)

Chemical name	CAS-No	Weight %	HAPS data	Volatile organic compounds	Class 1 Ozone Depletors	Class 2 Ozone Depletors
PROPYLENE GLYCOL	57-55-6	2.12		Present		
DIPROPYLENE GLYCOL	25265-71-8	.064		Present		

CERCLA

Chemical name	Hazardous Substances Reportable Quantities	Extremely Hazardous Substances RQs	RQ
SODIUM HYDROXIDE 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

California Prop. 65 This product does not contain any Proposition 65 chemicals

16. OTHER INFORMATION

The recommendations and information contained in this SDS are compiled from sources believed to represent the most current information available when the SDS was prepared. However, the manufacturer / distributor of this product does not provide any warranty, guarantee of representation as to the correctness or sufficiency of this information. If this material is used in large amounts and/or an unusual manner, the user is obliged to determine what safety measures are appropriate, including the applicable and relevant workplace and environmental regulations pertaining to handling, use and disposal.

Table of Abbreviations			
ACGIH:	American Conference of Governmental Industrial Hygienists	LD:	Lethal Dose
ANSI:	American National Standards Institute	MARPOL:	Marine Pollution
ASTM:	American Society for Testing Materials	mg / kg:	Milligram per Kilogram
°C:	Degrees Centigrade	mm:	Millimeter
CAA:	Clean Air Act	MSHA:	Mine Safety and Health Administration
CAS:	Chemical Abstract Service	N/A:	Not Applicable
CERCLA:	Comprehensive Environmental Response, Compensation & Liability Act	NFPA:	National Fire Protections Association
CFR:	Code of Federal Regulations	NIOSH:	National Institute for Occupational Safety and Health

CPR:	Controlled Products Regulations	NTP	National Toxicology Program
DEA:	Drug Enforcement Act	OEL:	Over Exposure Limit
DOT:	Department of Transportation	OSHA:	Occupational Safety and Health Administration
DSL:	Canadian Domestic Substances List	PEL:	Permissible Exposure Limits
EmS:	Emergency Medical Goods Services	ppm	Parts Per Million
EPA:	Environmental Protection Agency	SARA	Superfund Amendment and Reauthorization Act
°F:	Degrees Fahrenheit	STEL	Short-Term Exposure Limit
FDA:	Food & Drug Administration	SDS:	Safety Data Sheet
g/l:	Grams per Liter	SDWA:	Safe Drinking Water Act
HAPs:	Hazardous Air Pollutants	TLV:	Threshold Limit Value
Hg:	Mercury	TRI:	Toxics Release Inventory
HMIS:	Hazardous Materials Identification System	TSCA	Toxic Substances Control Act
HNOC:	Hazard(s) Not otherwise classified	TWA	Time – Weighted Average
IARC:	International Agency for Research on Cancer	U.N.	United Nations
IATA:	International Air Transport Association	WHMIS	Workplace Hazardous Materials Information System
ID:	Identification / Identity	>	Greater Than
IDLH:	Immediate Danger to Life or Health	<	Less Than
IMDG:	International Maritime Dangerous Goods	73/78:	1973 & 1978
LC:	Lethal Concentration		

PREPARED: December 1st, 2022

END OF SAFETY DATA SHEET