



**FIRED UP KILNS**

BY:  **pottery**crafts

## SAFETY DATA SHEET

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product name** Wax Emulsion Resist

**Product number** P3384

**Application of the substance / preparation**

Dispersion

Additive

Hydrophobing agent/ water repellent

#### 1.1. Details of the supplier of the safety data sheet

PotteryCrafts (UK)	Fired Up Kilns (AUS)
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**Emergency telephone number**

UK +44(0) 1782 745000 Office hours. AUS +61(0) 473 748 870 Office hours

### SECTION 2: Hazards identification

**Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**

Not a Hazardous Substance or Mixture

**Label elements**

Not a hazardous substance or mixture.

**Additional Labelling:**

EUH210 Safety Data Sheet Available on request.

EUH208 Contains: reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2 methyl-2H-isothiazol-3-one(3 :1)

**Other Hazards**

May produce an allergic reaction.

### SECTION 3: Chemical characterization: Substances

This product is a mixture in the meaning of regulation (EC) 1907/2006.

### **COMPONENTS TO BE NAMED IN ACCORDANCE WITH REGULATION (EC) 1907/2006 AS WELLAS OTHER HAZARDOUS INGREDIENTS AND CONTAINEDSUBSTANCES WITH WORK PLACE LIMIT VALUES.**

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2 methyl-2H-isothiazol-3-one(3 :1)

**Content:** >0.0002 ->0.0015%

**EC No.:** 611-341-5

**Index –No.** 613-167-00-5

**CAS No.** 55965-64-9

**Reach No.:** 01-2120764691=48-XXXX

**Classificaton (Regulation (EC) No.1272/2008):**

Acute Tox.	3(Oral)	H301
Acute Tox.	2(Dermal)	H310
Acute Tox.	2 Inhalation	H330
Skin Corr	1C	H314
Eye Dam.	1	H318
Skin Sens.	1A	H317
Aquatic Acute	1	H400
Aquatic Chronic	1	H410



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## Specific Concentration Limits(Regulation(EC) No. 1272/2008, Anenex VI).

>= 0.6%	Skin Corr .	Category 1C	H314
0.06 ->0.6%	Skin Irrit.	Category 2	H315
0.06-< 0.6%	Eye Irrit.	Category 2	H319
>+0.0015%	Skin Sens	Category 1A.	H317
>= 0.6%	Eye Dam	Category 1.	H318

### Substances with work place exposure limits.

#### Paraffin waxes and Hydrocarbon waxes.

Content : >= 29- 30%  
232-315-6

component type : Active ingredient EC No.

Index No.

CAS No. 8002-74-2

Reach No.: 01-2119488076-30-0005,01-2119488076-30-xxxx

Substance Name (REACH/CLP): Paraffin waxes and Hydrocarbon waxes.

For the full text of the H-statements mentioned in this section. See section 16.

### SECTION 4: First aid measures

#### Description of first aid measures Description of first aid measures

**General information:** Immediately remove any clothing soiled by the product.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

**After swallowing:**

Do not induce vomiting.

Rinse out mouth and then drink plenty of water.

**Information for doctor:**

**Most important symptoms and effects, both acute and delayed** No further relevant information available. **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

### SECTION 5: Firefighting measures

#### Extinguishing media

#### Suitable extinguishing media

Water haze

Water spray

Foam

Fire-extinguishing powder

Carbon dioxide

Sand

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**Special hazards arising from the substance or mixture** No further relevant information available.

**Advice for firefighters**

**Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures.** Not required.

#### Environmental precautions

Dilute with plenty of water.

Do not allow to penetrate the ground/soil

Do not allow to enter sewers / surface or ground water.

#### Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**Reference to other sections** No dangerous substances are released.



## **SECTION 7: Handling and storage**

### **Precautions for safe handling**

Prevent formation of aerosols.

Ensure good ventilation/exhaustion at the workplace.

**Information about fire - and explosion protection:** No special measures required.

Conditions for safe storage, including any incompatibilities Storage:

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:**

Store away from oxidizing agents.

Store away from foodstuffs.

**Further information about storage conditions:**

Protect from frost.

Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight.

**Specific end use(s)** No further relevant information available.

**Additional information about design of technical facilities:** No further data; see item 7.

## **SECTION 8: Exposure Controls/personal protection**

**Additional information about design of technical facilities:** No further data; see item 7.

**Control Parameters.**

**Ingredients with limit values that require monitoring at the workplace:**

**8002-74-2 Paraffin waxes and hydrocarbon waxes (10-25%)**

WEL Short-term value: 6 mg/m<sup>3</sup>

Long-term value: 2 mg/m<sup>3</sup>

**Additional information:** The lists valid during the making were used as basis.

**Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

**Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

**Protection of hands:** Protective gloves

**Material of gloves** Nitrile

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Safety glasses

## **SECTION 9: Physical and Chemical Properties**

### **General Information**

**Appearance:**

Liquid

**Form:**

Dispersion

**Colour:**

Whitish

**Odour:**

Slight

**Odour threshold:**

Not determined.

**pH-value:**

6-8-7.8: ca .20°C; DIN 51369 .

**Change in condition**

**Melting point/Melting range:**

0-4 °C

**Boiling point/Boiling range:**

> 100 °C

**Flash point:**

Not applicable.

**Flammability (solid, gaseous):**

Not applicable.

**Ignition temperature:**

**Decomposition temperature:**

Not determined.

**Self-igniting:**

Product is not self - igniting.

**Danger of explosion:**

Product does not present an explosion hazard.

**Explosion limits:**

**Lower:**

Not determined.



Upper:	Not determined.
Vapour pressure at 20 °C:	23 hPa
Density:	ca.0.95 g/cm <sup>3</sup> ; 29°C.
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with water:	Emulsifiable.
Partition coefficient (n-octanol/water):	>3,5
Dynamic:	0-600 mPa s (Brookfield)
Kinematic:	Not determined.
Oxidising Properties	The substance or mixture is not classified as oxidising,
Other information	No further relevant information available.

## SECTION 10: Stability and reactivity

### Chemical stability

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions** No dangerous reactions known.

**Conditions to avoid** Protect from frost heat and sunlight.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity:

##### Primary irritant effect:

**on the skin:** no data available

**on the eye:** no data available

**Sensitization:** Sensitization possible through skin contact.

## SECTION 12: Ecological Information

### Toxicity

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability** No further relevant information available.

#### Behaviour in environmental systems:

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

#### Additional ecological information:

##### General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

### Waste treatment methods

**Recommendation** Smaller quantities can be disposed of with household waste.

#### European waste catalogue

12 01 12\* spent waxes and fats

12 03 02\* steam degreasing wastes

#### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations. \_\_\_\_\_



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#### **SECTION 14: Transport information**

<b>UN-Number</b>	
<b>ADR, ADN, IMDG, IATA</b>	Void
<b>UN proper shipping name</b>	
<b>ADR, ADN, IMDG, IATA</b>	Void
<b>Transport hazard class(es) ADR, ADN, IMDG, IATA</b>	
<b>Class</b>	Void
<b>Packing group</b>	
<b>ADR, IMDG, IATA</b>	Void
<b>Environmental hazards:</b>	
<b>Marine pollutant:</b>	No
<b>Special precautions for user</b>	Not applicable.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable
<b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
<b>UN "Model Regulation":</b>	-

#### **SECTION 15: Regulatory information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Labelling according to Regulation (EC) No 1272/2008**

**d-determining components of labelling:**

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2-isothiazol-3-one [EC no. 220-239-6] (3:1) mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)

**Hazard statements**

H317 May cause an allergic skin reaction.

**Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON

SKIN: Wash with plenty of soap and water.

P363 Wash contaminated clothing before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

#### **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H301 Toxic if swallowed.

H310 Fatal in contact with skin

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H330 Fatal if inhaled

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R34 Causes burns.

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Department issuing MSDS was done in accordance with 1907/2006/EC Article 31.**

**Date;** 9<sup>th</sup> October 2023.