

**1. Identification of the Substance/Mixture and Company.**

**Product name & Number : P3384 Wax Emulsion Resist.**

**Application of the substance / the preparation**

Dispersion

Additive

Hydrophobing agent/ water repellent

**Details of the supplier of the safety data sheet****Supplier:**

Pottery crafts Ltd.

Campbell Road,

Stoke-on-Trent

England.

Tel.: +44 (0) 1782 745000

Fax: +44 (0) 1782 746000

**Emergency telephone number:** +44 (0) 1782 745000 (08.45-16:30 Hrs, Mon-Fri).

**2. Hazard Identification.****Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Skin Sens. 1 H317 May cause an allergic skin reaction.

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

Xi; Sensitising

R43: May cause sensitisation by skin contact.

**Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of

the EU" in the latest valid version.

**Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**

GHS07

**Signal word** Warning**Hazard-determining components of labelling:**

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-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.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**3. Chemical characterization: Substances**

Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom

Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: [www.pottery crafts.co.uk](http://www.pottery crafts.co.uk) ;

## CAS No. Description

Dispersion of paraffin in water

### Chemical characterization: Mixtures

**Description:** Mixture of substances listed below with non-hazardous additions.

### Dangerous components:

55965-84-9 mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-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)

T R23/24/25; C R34; Xi R43; N R50/53

Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; Skin Corr. 1B, H314;

Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317

≤ 0.005%

**Additional information:** For the wording of the listed risk phrases refer to section 16.

## 4. 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.

## 5. Fire Fighting Measures.

### Extinguishing media

#### Suitable extinguishing agents:

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.

## 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.

## 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.**8.Exposure Control/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**8. Physical and Chemical Properties.****General Information****Appearance:****Form:** Fluid**Colour:** Whitish**Odour:** Mild**Odour threshold:** Not determined.**pH-value:** Not determined.**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:** Not determined.**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
Viscosity:	
Dynamic:	0-600 mPa s (Brookfield)
Kinematic:	Not determined.
Other information	No further relevant information available.

## 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** No further relevant information available.

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

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

## 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.

## 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.

## 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.

## 14. Transport Information.

### UN-Number

ADR, ADN, IMDG, IATA Void

### UN proper shipping name

ADR, ADN, IMDG, IATA Void

### Transport hazard class(es)

ADR, ADN, IMDG, IATA Void

### Class

### Packing group

ADR, IMDG, IATA Void

**Environmental hazards:**

**Marine pollutant:**

No

**Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

**Transport/Additional information:** Not dangerous according to the above specifications.

**UN "Model Regulation":** -

## **15. Regulatory Information.**

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

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

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**



GHS07

**Signal word** Warning

**Hazard-determining components of labelling:**

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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.

## **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.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H331 Toxic 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 according to 1907/2006/EC Article 31.**

**Date ;** 7<sup>th</sup> July 2016.