



# RESIN8 MOULD MAKER BASE SAFETY DATA SHEET

Compilation date: 09/09/2011

Revision No: 1

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

### 1.1. Product identifier

Product name: Resin8 Mould Maker BASE

### 1.2. Relevant identified uses of the substance or mixture and uses advised against.

Use of substance: Addition silicone for industrial application

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

**Company name:** Resin8 Craft Supplies Ltd  
Unit B4, Withytree Farm  
Winchcombe, Gloucestershire, GL54 5NT  
United Kingdom

**Tel:** +44( 1242 ) 603624

**Email:** [info@resin8.co.uk](mailto:info@resin8.co.uk)

**Social Media**

 [www.facebook.com/resin8craft](http://www.facebook.com/resin8craft)

 [Twitter @resin8craft](https://twitter.com/resin8craft)

### 1.4. Emergency telephone number

**Emergency tel:** +44 ( 1242 ) 603624 (U.K office hours only)

## Section 2: Hazardous identification

### 2.1 Classification of the substance or mixture

This product is not classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1994/45/EC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). However, since the product contains hazardous substances in concentrations such as to be detailed in section no. 3, it requires a safety data sheet with appropriate information compliant to EC Regulation 1907/2006 and subsequent amendments.

The full wording of the Risk (R) and Hazard (H) phrases is given in section 16 of the sheet.

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## 2.2. Label elements

Hazard statements: -  
Signal words: -  
Hazard pictograms: -  
Warning: -

This product is not subject to hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

## 2.3. Other hazards -

### Section 3: Composition/information on ingredients

## 3.2. Mixtures

Contains:

Identification	Conc. %	Classification 67/548EEC	Classification 1272/2008 (CLP)
<b>QUARTZ</b>			
CAS. 14808-60-7	2.5-3	Xn R48/20	STOT RE 2 H373
EC. 238-878-7			
INDEX. -			
<b>DIMETHYLHYDROGENPOLYDIMETHYLSILOXANE</b>			
CAS. 70900-21-9	9-10.5	R10	Flam. Liq. 3 H226
EC. -			
INDEX. -			
<b>TRIDIMITE</b>			
CAS. 15468-32-3	2.5-3	Xn R48/20	STOT RE 2 H373
EC. 239-487-1			
INDEX. -			
<b>CRISTOBALITE</b>			
CAS. 14464-46-1	2.5-3	Xn R48/20	STOT RE 2 H373
EC. -			
INDEX. -			

T+ = Very Toxic, T = Toxic, Xn = Harmful, Xi = Irritant, O = Oxidizing, E = Explosive, F+ = Extremely Flammable, F = Flammable

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## Section 4: First aid measures

### 4.1. Description of first aid measures

<b>Eye Contact:</b>	Irrigate copiously with clean, fresh water for at least 15 minutes. Seek medical advice.
<b>Skin Contact:</b>	Wash immediately with plenty of water. Remove contaminated clothing. If irritation persists, seek medical attention. Wash contaminated clothing before using them again.
<b>Inhalation:</b>	Remove to open air. If breathing is irregular, seek medical advice.
<b>Ingestion:</b>	Obtain immediate medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.

### 4.2 Most important symptoms and effects, both acute and delayed

For symptoms and effects caused by the contained substances see section 11.

### 4.3 Indication of any immediate medical attention and special treatment needed

Follow doctors orders.

## Section 5: Fire-fighting measures

### 5.1 Extinguishing Media

#### SUITABLE EXTINGUISHING MEDIA

The extinction equipment should contain carbon dioxide, foam or chemical powders. For product leaks and spills that have not caught fire, nebulised water can be used to disperse flammable fumes and protect the individuals taking part in stemming the leak.

#### EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

### 5.2 Special hazards arising from the substance or mixture

#### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Excess pressure may form in containers exposed to fire at risk of explosion. Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

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### 5.3 Advice for firefighters

#### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full protective gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water and the remains of the fire according to applicable regulations.

#### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Hardhat with visor, fireproof clothing (fireproof jacket and trousers with ties around arms, legs and waist), work gloves (fireproof, cut proof and dielectric), self-respirator (self-protector).

## Section 6: Accidental release measures

### Personal precautions:

Eliminate sources of ignition (cigarettes, flames, sparks, etc) from the area in which the leak occurred. If there are no contraindications, spray solid products with water to prevent the formation of dust. Use breathing equipment if fumes or powders are released into the air. Block the leakage if there is no hazard. Do not handle damaged containers or leaked product before donning appropriate protective gear. Send away individuals who are not suitable equipped.

### Environmental Precautions and Clean-up Methods:

This product must not penetrate the sewers, surface water, ground water and neighbouring areas.

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

For liquid products, suck into a suitable container (made of material not incompatible with the product) and soak up any leaked product with absorbent inert material (sand, vermiculite, diatomaceous earth, Kieselguhr, etc). Collect the majority of the remaining material and deposit in containers for disposal.

## Section 7: Handling and storage

### Handling:

Do not smoke while handling.

### Storage:

Keep container tightly closed. Keep container in a cool, well-ventilated area, away from sources of heat, bright flames, sparks and other sources of ignition.

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## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

Name	Type	Country	TWA/8hmg/m3
QUARTZ	TLV-ACGIH		0.025
	OEL	IRL	0.05
	WEL	UK	0.3

### 8.2 Exposure Controls

<b>Respiratory protection:</b>	The use of breathing protection equipment, such as masks with organic vapour and dust/mist cartridges, is necessary. The protection provided by masks is in any case limited.
<b>Hand protection:</b>	Protect hands with category I (ref. Directive 89/686/EEC and Standard EN 374) work gloves, such as those in latex, PVC or equivalent. The following should be considered when choosing work glove material: degradation, breakage times and permeation. Work glove resistance to preparations should be checked before use, as it can be unpredictable. Gloves limit depends on the duration of exposure.
<b>Eye protection:</b>	Use of protective airtight goggles (ref. standard EN166) recommended.
<b>Skin protection:</b>	Wear category I professional long-sleeved overalls and safety footwear (ref. Directive 89/686/CEE and Standard EN 344). Wash body with soap and water after removing overalls.

## Section 9: Physical and chemical properties

<b>State:</b>	Liquid
<b>Colour:</b>	Blue
<b>Odour:</b>	Odourless
<b>Specific gravity:</b>	1,140 Kg/l
<b>Solid content:</b>	8.53%

## Section 10: Stability and reactivity

<b>Stability and Reactivity:</b>	The product is stable
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<b>Conditions of Instability:</b>	None, although the usual precautions used for chemical products should be respected.
<b>Incompatibility with Various Substances:</b>	Not available.
<b>Hazardous Decomposition Products:</b>	In the event of thermal decomposition of fire, vapours potentially dangerous to health may be released.

#### Section 11: Toxicological information

According to currently available data, this product has not yet produced health damages. However, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

#### Section 12: Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities should the product reach waterways or sewers or contaminate soil or vegetation.

#### Section 13: Disposal considerations

**Waste Disposal:** Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

#### Section 14: Transport information

This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

#### Section 15: Regulatory information

None.

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## Section 16: Other information

### Text of Hazard (H) indications mentioned in section 2-3 of the sheet:

<b>STOT RE 2</b>	Specific target organ toxicity – repeated exposure, category 2
<b>Flam. Liq. 3</b>	Flammable liquid, category 3
<b>H226</b>	Flammable liquid and vapour
<b>H373</b>	May cause damage to organs through prolonged or repeated exposure.

### Text of Risk (R) indications mentioned in section 2-3 of the sheet:

<b>R10</b>	FLAMMABLE
<b>R48/20</b>	HARMFUL: DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION

### Notice to reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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