

# MACSIL3 RELEASE AGENT

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## 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

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**Product Name:** MACSIL3 RELEASE AGENT

**Unique Reference Number:** MACSIL3

**Address:** W.P. Notcutt Limited  
Homewood Farm, Newark Lane,  
RIPLEY  
Surrey, GU23 6DJ  
Tel: 01483 223311  
Fax: 01483 479594

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## 2. COMPOSITION & INFORMATION ON INGREDIENTS

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<b>Substance:</b>	N	<b>Substance Name:</b>	N/A
<b>CAS Number:</b>	N/A	<b>EC Index Number:</b>	N/A
<b>EEC Number:</b>	N/A		

<b>Constituent Substances:</b>	<b>% Range</b>	<b>Haz.Sym.Risk Phrases</b>	
Aliphatic Hydrocarbon solvent	25-50		R10
Propane/Butane blend	10-25	F+	R12
Pentane	10-25	F+	R12

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## 3. HAZARD IDENTIFICATION

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Do not breathe vapour or spray. High concentrations inhaled for long periods may lead to light-headedness or dizziness.  
Irritating to eyes.  
Irritating in contact with skin. Prolonged or repeated contact may cause redness swelling and cracking.  
Ingestion of a high enough level to cause problems is unlikely.

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## 4. FIRST AID MEASURES

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Immediate medical attention required: N  
Professional assistance from physician required: Y

### Summary of First-Aid.

**Inhalation:** Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Call a physician.

**Skin Contact:** Wash thoroughly with soap and water. If irritation persists seek medical attention.

**Eye Contact:** Irrigate with clean water for at least 10 minutes. If irritation persists seek medical attention.

**Ingestion:** If conscious give plenty of water to drink. Do not induce vomiting. Call a physician immediately.

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## 5. FIRE FIGHTING MEASURES

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**Suitable Extinguishing Media:**

Waterspray, foam, powder, carbon dioxide, dry chemical powder.

**Unsuitable Extinguishing Media:**

Water jet.

**Special Exposure Hazards in Fire:**

Organic material – will support combustion. Combustion products may include carbon monoxide and carbon dioxide.

**Required Special Protective Equipment for Fire Fighters:**

Wear positive pressure breathing apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal Precautions:** Avoid breathing vapours. Wear suitable protective clothing and respiratory protection.

**Environmental Precautions:** N/A

**Methods for Cleaning:** N/A

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## 7. HANDLING AND STORAGE

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**Handling:** Wear suitable protective clothing, gloves and eye protection.

**Storage:** Store in a dry place at 0-25°C away from sources of heat including direct sunlight.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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**Take Measures to Prevent:** Accumulation of vapours and breathing of vapour or spray.

**Exposure Control Limits and source:**

Aliphatic Solvent (Carrier solvent):  
300ppm (Manufacturers recommended limit).

**Respiratory Protection:** Local exhaust ventilation or positive breathing apparatus.

<b>Hand Protection:</b>	Imperious gloves (PVC or rubber).
<b>Skin Protection:</b>	Imperious gloves (PVC or rubber) and overalls.
<b>Eye Protection:</b>	Safety glasses or safety goggles. Locate eyewash bottle in immediate work area.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b>	Aerosol
<b>Colour:</b>	Water White Clear
<b>pH:</b>	N/A
<b>Boiling Point:</b>	35°C
<b>Melting Point:</b>	Not applicable
<b>Flashpoint:</b>	-49°C
<b>Flammability:</b>	LEL 0.8 UEL 9.0 (%vol in air)
<b>Autoflammability:</b>	270°C
<b>Explosive Properties:</b>	None
<b>Oxidising Properties:</b>	None
<b>Vapour Pressure:</b>	Not determined
<b>Relative Density:</b>	Not determined
<b>Solubility:</b>	Immiscible with water
<b>Other:</b>	

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## 10. STABILITY AND REACTIVITY

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<b>Conditions to Avoid:</b>	Avoid exposure to naked flames and incandescent surfaces.
<b>Materials to Avoid:</b>	Strong oxidising agents.
<b>Hazardous Decomposition Products:</b>	When heated to decomposition and on combustion – oxides of carbon.

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## 11. TOXICOLOGICAL INFORMATION

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Oral toxicity is low. Oral LD50 (rat) >5000mg/Kg. Exposure to vapours may cause respiratory sensitisation in susceptible individuals. No carcinogenic or mutagenic effects have been reported.

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## 12. ECOLOGICAL INFORMATION

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<b>Possible Effects:</b>	No information available. Not classified as dangerous for the environment.
<b>Behaviour:</b>	As above.
<b>Environmental Fate:</b>	As above.

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### 13. DISPOSAL INFORMATION

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**Likely Residues and Waste Products:** None

**Safe Handling of Residues and Waste Product:** Dispose of by controlled incineration or landfill, subject to local authority regulations.

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### 14. TRANSPORT INFORMATION

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**UN No.** 1950 Aerosols, flammable, n.o.s.  
**Technical Name:** None  
**Class:** 2.1 Flammable gas  
**Packaging Group:** N/A

**Air:** Packing Instructions Passenger 203 Cargo only 203  
**Sea:** EMS No. 2 – 13 Marine Pollutant N  
**Road:** ADR Item Number 5oF

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### 15. REGULATORY INFORMATION

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**Supply Label Information:** EXTREMELY FLAMMABLE Symbol F+  
**Risk Phrase:** R12  
**Safety Phrases:** S2, S16, S23, S51.

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### 16. OTHER INFORMATION

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**Training Advice:**  
Read product data sheet carefully. If clarification is required refer to manufacturer.

**Recommended Uses and Restrictions:**  
Release agent for use with cast resin systems. No other use advised.

**Further Information Sources:**  
N/A

**Source of Key Data Used to Compile this SDS:**  
Manufacturers product data.  
Croners Guide to CHIP Regulations.  
Occupational Exposure Limits. Guidance Note EH40.  
Approved Supply List (CHIP Regulations).

The data contained in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1994, as amended, for the purposes of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person in your company, who is capable of acting on the information.

**NOTE:** This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health & Safety at Work Regulations, or other Health and Safety Legislation.