

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**Supplier:** Autotype International Limited  
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England

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**Product Name:** GREEN FILLER

**Product Description:** Dispersion of pigmented polymer in solvent.

## 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

NAMES	CONCENTRATION	SYMBOL	R/S-PHRASES	REGISTRATION NOS
Dichloromethane	82.2%	Xn	R40 S23/S24/25,S36/37	CAS NR: 75-09-02 EC No: 200-838-9
Methanol	10-15%	F, T	R39/23/24/25 R11,R23/24/25 S7,S16,S36/37,S45	CAS NR: 67-56-1 EC No: 200-659-6

## 3. HAZARD IDENTIFICATION

Toxic/Harmful by inhalation. Possible risk of irreversible effects.  
Carcinogen Category: 3

## 4. FIRST AID MEASURES

### Inhalation:

Remove to fresh air. Drink water. Rest and keep warm. Get medical advice.  
Apply artificial respiration if breathing has stopped.

### Ingestion:

Dilute with water if conscious. Do not vomit. Get medical attention.

### Eye Contact:

Irrigate with water for 15 minutes. Get medical aid.

### Skin Contact:

Wash thoroughly with soap and water. Get medical advice.

### Further Medical Treatment:

Seek medical attention.

**5. FIRE FIGHTING MEASURES**

EXTINGUISHER MEDIA Suitable: BCF, Powder. Not Suitable: Water

**Exposure Hazards:**

Risk of Phosgene.

**Protective Equipment:**

Wear breathing apparatus if other combustibles are present and burning.

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions:**

Goggles, gloves, respiratory protection.

**Environmental Precautions:**

Seal drains, eliminate heat sources and ignition.

**Methods for Cleaning:**

Absorb in sand and transfer to safe site for containerisation.

**7. HANDLING AND STORAGE**

Store in original container in cool, dry environment.

**8. EXPOSURE CONTROLS/PERSONNEL PROTECTION****Exposure Controls:**

Methylene Chloride (100ppm), Methanol (200ppm) - good permanent ventilation.

**Respiratory Equipment:**

3M 8712 for large quantities.

**Hand Protection:**

Nitrile Rubber gloves.

**Eye Protection:**

Goggles.

**Other Protection:**

Plastic apron/overalls. Ensure good ventilation.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State:	Liquid.	Colour:	Green.
Odour:	Solvent.	pH:	N/A
Boiling Point:	40.2°C.	Melting Point	N/A
Flash Point:	N/A	Flammability:	Self extinguishing.
Autoflammability:	N/A	Explosive Limit:	15-66% in air.
Oxidising Properties:	None.	Vapour Pressure:	3.5 mm Hg.
Relative Density:	1.3g/cm <sup>3</sup> .	Solubility in Water:	0.15%
Viscosity:	50 SEC/B6.		

**10. STABILITY AND REACTIVITY**

**Stability:** Stable.

**Conditions to Avoid:**

Heat, hot surfaces, sunlight.

**Materials to Avoid:**

Alkalis, metals, nitric acid, aluminium, plastic receptacles.

**Hazardous Decomposition Products:**

None at room temperature.

**11. TOXICOLOGICAL INFORMATION****Inhalation:**

Narcosis. CNS depressant.

Methylene chloride  
Methanol

LC50=88,000mg/m<sup>3</sup> ihl rat.  
LC50=64000 ppm/4H ihl rat.

**Ingestion:**

Blood and central nervous system effects.

Serious internal injury.

Methylene chloride

LD50=1600mg/Kg oral rat.

Liver/Kidney damage. Unconsciousness, death.

Methanol

LD50=6200 mg/Kg oral rat.

**Skin Contact:**

Irritation, dermatitis, oedema.

**Eye Contact:**

Severe irritation.

**Long Term Exposure:**

Prolonged over exposure may cause injury to liver or kidneys, or CNS effects.

Methylene chloride has induced liver tumours in laboratory test animals at high exposure levels.

**12. ECOLOGICAL INFORMATION**

This product comprises a pigmented water soluble polymer dispersed in an alcohol/methylene chloride solvent mixture. The solvent is not an ozone depletant and has low tropospheric photochemical ozone creation potential. It has a relatively short atmospheric degradation period. The water soluble coating is cellulose based and contains an insoluble pigment. The dried product does not contain any materials regarded as ecotoxic or contained on the EC Black/Grey lists. Tests have shown no inhibition of activated sludge at typical effluent concentrations and the washings from the dried product may be regarded as drain safe and biodegradable.

**13. DISPOSAL CONSIDERATIONS**

By authorised industrial chemical waste disposal.

**14. TRANSPORTATION INFORMATION****This product is hazardous for shipment.**

UN No: 1593

ADR/RID Class: 6.1

ICAO/IATA Class: 6.1

Packing Group: III

IMO Class: 6.1

EMS: F-A, S-Q

Marine Pollutant: No

CDG Transport Cat.: 3

ADR Transport Cat.: 3

Proper Shipping Name: Dichloromethane solution.

**15. REGULATORY INFORMATION****Classification:**

Toxic.

**Contains:**

Dichloromethane and Methanol.

**R-Phrases:**

R20,21,22: Harmful by inhalation, skin contact and if swallowed.

R40 Limited evidence of carcinogenic effect.

R39/23/24/25: Toxic: Danger of very serious effects through inhalation and in contact with skin and if swallowed.

**S-Phrases:**

S2: Keep out of reach of children.

S7: Keep in container tightly closed.

S16: Keep away from sources of ignition - no smoking

S51: Use only in well-ventilated areas.

S23 Do not breathe fumes.

S36/37: Wear suitable protective clothing and gloves.

**16. OTHER INFORMATION**

Read the instructions carefully before using.

N/A - Not Applicable

The information and recommendations contained in the Company's literature or elsewhere are based on knowledge at the time of printing and are believed to be accurate. Whilst such details are printed in good faith, they are intended to be a guide only and shall not bind the Company. Due to constant development, customers are urged to obtain up-to-date technical information from representatives of the Company and not to rely exclusively on printed material. Customers are reminded of the importance of obtaining and complying with instructions for the handling and use of chemicals and materials supplied as the Company cannot accept responsibility for any loss or injury caused through non-compliance.

Date of Printing

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