

# MATERIAL SAFETY DATA SHEET



## K-SEAL TOTAL SEALER

Issue: 2. Issue Date: 16/05/2006.

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

**Product Name.** K-Seal Total Sealer

**Supplier.** KINGFISHER BUILDING PRODUCTS Ltd.  
COOPER LANE.  
BARDSEA BUSINESS PARK  
ULVERSTON  
CUMBRIA.  
LA12 9RA.

**Telephone:** 01229 869100  
**Fax:** 01229 869101  
**Emergency:** As Above

### 2. COMPOSITION / INFORMATION ON INGREDIENTS.

| Ingredient Name.       | CAS.No | EEC no.   | Content | Health (Class) | Risk (R No.)    |
|------------------------|--------|-----------|---------|----------------|-----------------|
| 1:2:4 Trimethylbenzene |        | 202-436-9 | 25% w/w | Xn.            | 10,20,36/37/38. |

### 3. HAZARDS IDENTIFICATION

**FIRE: -** Flammable **ENVIRONMENT: -** Toxic to the aquatic environment.

#### HEALTH

**Inhalation: -** Irritant. May cause drowsiness, dizziness and ultimately unconsciousness.

**Eye Contact: -** Irritant.

**Skin Contact: -** Irritant. May cause Dermatitis.

**Ingestion: -** Low viscosity product. If vomiting occurs after ingestion, harmful or fatal if aspirated into the lungs.

### 4. FIRST AID MEASURES.

**Inhalation:-** Remove to fresh air. If unconscious place in recovery position. seek medical attention.

**Eye Contact: -** Flush out with clean water for 10 minutes. Seek medical attention.

**Skin Contact: -** Wash with soap and water.

**Ingestion:-** DO NOT induce vomiting. Place in recovery position. seek medical help.



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### 5. FIRE FIGHTING MEASURES.

**Extinguishing Media:-** Use carbon dioxide, dry chemical, foam, sand, earth or water fog.

**Protective Measures in Fire:-** Keep containers cool by spraying with water.

### 6. ACCIDENTAL RELEASE MEASURES.

**Personal Protection during Spill:-** Wear gloves, safety glasses and protective overalls,

**Precautions to Protect Environment:-** Prevent entry to drains and waterways.

**Spillage Clean Up Methods:-** Absorb with suitable inert material (sand, earth etc) and place in suitable container.

### 7. HANDLING AND STORAGE.

**Usage Precautions:-** Ensure good local ventilation. Pump at no greater than 7 metres per second.

**Storage Criteria:-** Keep in tightly closed, clearly labelled containers. No smoking. Protect from naked flames, hot elements or other sources of ignition.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

| INGREDIENT. | CAS. No. | STD<br>OEL (8hr.TWA)<br>150 | LT EXP<br>(8 Hrs) | ST EXP<br>(15 Min) |
|-------------|----------|-----------------------------|-------------------|--------------------|
|-------------|----------|-----------------------------|-------------------|--------------------|

**Personal Protective Equipment:-** Wear impervious gloves and suitable eye protection.

**Hygienic Work Routines:-** Employ good standards of hygiene and safety. Wash hands after handling product and before eating or drinking..



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### 9. PHYSICAL AND CHEMICAL PROPERTIES.

|                                    |            |                                      |                 |
|------------------------------------|------------|--------------------------------------|-----------------|
| <b>Appearance:</b> -               | Liquid     | <b>Colour:-</b>                      | Colourless.     |
| <b>Odour:</b> -                    | Aromatic.  | <b>Evaporation rate:</b> -           | 47 (Ether =1)   |
| <b>Solubility in Water:</b> -      | Insoluble. | <b>Density Kg/L @15°C:</b> -         | 0.882.          |
| <b>Flash Point:</b> -              | 43°C       | <b>Freeze Point:</b> -               | Not determined. |
| <b>Boiling Point:</b> -            | 162-181°C  | <b>Auto-ignition Temp:</b> -         | 450°C           |
| <b>Explosion Limits:</b> -         | 0.8 – 7.5  | <b>Vapour Density gm/l @ 20°C:</b> - | 5.1             |
| <b>Vapour Pressure Kpa 20°C:</b> - | 0.29       | <b>Viscosity c.St. @ 20°C:</b> -     | 0.97            |

### 10. STABILITY AND REACTIVITY

**Stability:** Stable at normal temperatures and pressures. Not reactive at normal temperatures and pressures.

**Materials to Avoid:** N/K

**Conditions to avoid:**

### 11. TOXICOLOGICAL INFORMATION.

**Inhalation:** Not available  
**Skin Contact:** Not available  
**Eye Contact:** Not available  
**Ingestion:** Not available

### 12. ECOLOGICAL INFORMATION.

|      |         |       |         |
|------|---------|-------|---------|
| LL50 | Fish    | Low 1 | High 10 |
| LL50 | Daphnia | Low 1 | High 10 |
| LL50 | Algae   | Low 1 | High 10 |

### 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:** This material must be disposed of via an authorised waste disposal company in accordance with local or national disposal regulations



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### 14. TRANSPORT INFORMATION

#### Label for Conveyance.

|                      |                         |                               |           |
|----------------------|-------------------------|-------------------------------|-----------|
| <b>C.A.S.Number.</b> | 64742-95-6              | <b>Trans. Cat.</b>            | 3.        |
| <b>UN No.</b>        | 1268                    | <b>Marine Pollutant.</b>      | P.        |
| <b>E.M.S.</b>        | 3.07                    | <b>E.E.C. Number.</b>         | 256-199-0 |
| <b>I.M.D.G.</b>      | Class 3.3 Code Page 375 | <b>A.D.R.</b>                 | 3.31°C    |
| <b>M.F.A.G.</b>      | 311                     | <b>Emergency Action code.</b> | 3(Y)      |
| <b>ICAO/ IATA.</b>   | 3                       | <b>Packaging Number.</b>      | 3         |

### 15. REGULATORY INFORMATION

#### Label for Supply:



Xn. Harmful,



N. Dangerous for the environment

#### Risk Phrases :

|           |   |
|-----------|---|
| R10       | Flammable   |
| R20       | Harmful by inhalation.  |
| R36/37/38 | Irritating to eyes, respiratory system and skin.  |
| R51/53    | Toxic to aquatic organisms, may cause long term adverse effects to the aquatic environment. |
| R65       | Harmful; May cause lung damage if swallowed.  |

#### Safety Phrases :

|        |   |
|--------|---|
| S24/25 | Avoid contact with skin and eyes.   |
| S26    | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice      |
| S37    | Wear suitable gloves.   |
| S43    | In case of fire, use foam or dry powder.  |
| S51    | Use only in well ventilated areas.  |
| S62    | If swallowed do not induce vomiting. Seek medical help immediately. Show this container or label. |
| S61    | Avoid release to the environment. Refer to special instructions.                                  |
| S23    | Do not breathe gas/fumes/vapour or spray.   |

### 16. OTHER INFORMATION

#### User Notes :

THE INFORMATION GIVEN IN THIS DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF THE COMPANY'S KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE INDICATED. HOWEVER NO WARRANTY, GUARANTEE OR REPRESENTATION IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY THEMSELVES AS TO THE SUITABILITY AND APPLICATION OF SUCH INFORMATION FOR THEIR OWN USE