

# MATERIAL SAFETY DATA SHEET

## 1 Product Identification

Synonyms: Base Coat, Brick-Rend, Com-Rend, Silicone FT/WP, Dash Receivers, Roughcast, Silicone Spray-Rend, Silicone Spray E-Grade.

|         |   |   |  |
|---------|---|---|--|
| Company | Kilwaughter Chemical Co. Ltd.<br>9 Starbog Road<br>Larne<br>Northern Ireland BT40 2TJ<br>Tel: 028 2826 0766 | Calcium Carbonate<br>Portland Cement<br>Hydrated Lime | CAS No. 471-34-1<br>CAS.No.65997-15-1<br>CAS No. 1305-62-0 |
|---------|---|---|--|

## 2 Composition / Information on Ingredients

A blend of : Calcium Carbonate CaCO<sub>3</sub> : > 50% by weight  
 Portland Cement < 50% by weight  
 Calcium Hydroxide Ca(OH)<sub>2</sub> < 10% by weight  
 With the addition of small quantities of polymer admixtures and silicones < 10% by weight  
 May contain trace heavy metals and chromium

## 3 Hazard Assessment

CAUTION CONTAINS CEMENT: -HARMFUL IF SWALLOWED OR INHALED, MAY CAUSES BURNS TO SKIN AND EYES ON CONTACT WITH BODILY FLUIDS, CAUSES IRRITATION TO RESPIRATORY TRACT

|                     |   |     |
|---------------------|---|-----|
| Inhalation          | Harmful by inhalation                   | R20 |
| Ingestion           | Harmful if swallowed                    | R22 |
| Skin contact        | Harmful in contact with skin            | R21 |
|                     | Causes burns                            | R34 |
| Eye contact         | Risk of serious damage to eyes          | R41 |
| Chronic Exposure: - | May cause sensitisation by skin contact | R43 |

## 4 First Aid Measures

|              |   |
|--------------|---|
| Inhalation   | Remove from source to fresh air. Get medical assistance for any breathing difficulties.                           |
| Ingestion    | Do not induce vomiting, wash mouth and give water to drink, seek medical advice.                                  |
| Skin contact | Wash exposed area with soap and water, remove contaminated clothing and get medical advice if irritation occurs.  |
| Eye contact  | Wash immediately with copious quantities of clean water for at least 15 minutes and seek urgent medical attention |

## 5 Fire Fighting Measures

|                     |  |
|---------------------|--|
| Fire                | Presents no fire hazard.                                     |
| Explosion           | Not considered to be an explosion hazard.                    |
| Fire fighting media | Use most appropriate measure to extinguish surrounding fire. |

## 6 Accidental Release Measures

For dry spills avoid actions that cause dust to become airborne. Wear appropriate personal protective equipment to clean area. Spills should be swept or scooped up and containerised for disposal or reprocessing. Vacuuming may be used to reduce dust. Allow wet material to set before disposal. DO NOT FLUSH CAUSTIC MATERIAL INTO SEWER SYSTEM

## 7 Handling and Storage

Store in a dry environment were possible. Care should be taken to avoid the generation of dust..

## 8 Exposure Controls

OES 8 Hr TWA (Time Weighted Average) 10 mg m<sub>3</sub> inhalable dust  
5 mg m<sub>3</sub> respirable dust

|  |     |
|--|-----|
| In case of contact with eyes, rinse immediately with plenty of water and seek medical advice | S26 |
| Do not breath dust,  | S22 |
| Avoid contact with skin  | S24 |
| After contact with skin, wash immediately with plenty of soap and water.                     | S28 |
| Wear eye face protection   | S39 |
| In case of insufficient ventilation wear suitable respiratory equipment                      | S38 |
| Keep out of reach of children  | S2  |
| Wear suitable protective clothing  | S36 |

## 9 Physical and Chemical Properties

|               |                                 |                      |                              |
|---------------|---------------------------------|----------------------|------------------------------|
| Appearance    | Coloured granular powder blend. | Explosive properties | Not explosive                |
| Particle size | 5 µm to 8 mm                    | Flash point          | n/a                          |
| Odour         | Odourless.                      | Melting point        | n/a                          |
| pH            | 12 to 14 when wet               | Volatiles by volume  | trace                        |
| Solubility    | ~0.1 to 1.0 g in 100 ml water.  | Density (dry)        | 1.2 to 1.8 kg m <sup>3</sup> |

## 10 Stability and Reactivity

|                   |  |
|-------------------|--|
| Stability         | Stable under normal conditions of use and storage.   |
| Decomposition     | When heated in excess of 825°C calcium oxide fumes and carbon dioxide are liberated.<br>When heated excessively for prolonged periods quick lime [ CaO ] may be generated. |
| Incompatibilities | Acids, Fluorine, Magnesium & Hydrogen, Ammonium salts and Alum.  |

## 11 Toxicological Data

|  |           |
|--|-----------|
| No recorded information for LD50 / LC50 is available for normal occupational exposure. |           |
| Effects of exposure and routes of entry  | section 3 |
| Exposure limits  | section 8 |

## 12 Ecological Data

Environmental fate and toxicity: May be toxic to aquatic life due to pH change.  
Do not discharge material into natural waterways.

## 13 Disposal Considerations

Dispose of waste material and empty sacks at a site authorised to accept builders waste or according to local regulations.

## 14 Transport Regulations

Not classified as hazardous for air, sea or road freight.

## 15 Regulatory Information

|  |                                |     |
|--|--------------------------------|-----|
| Classification   | Harmful                        |     |
| Risk Phrases   |                                |     |
| Inhalation   | Harmful by inhalation          | R20 |
| Ingestion  | Harmful if swallowed           | R22 |
| Skin contact   | Harmful in contact with skin   | R21 |
|  | Causes burns                   | R34 |
| Eye contact  | Risk of serious damage to eyes | R41 |
| Chronic Exposure: - May cause sensitisation by skin contact                                  |                                | R43 |
| Safety Phrases   |                                |     |
| In case of contact with eyes, rinse immediately with plenty of water and seek medical advice |                                | S26 |
| Do not breath dust,  |                                | S22 |
| Avoid contact with skin  |                                | S24 |
| After contact with skin, wash immediately with plenty of soap and water.                     |                                | S28 |
| Wear eye face protection   |                                | S39 |
| In case of insufficient ventilation wear suitable respiratory equipment                      |                                | S38 |
| Keep out of reach of children  |                                | S2  |
| Wear suitable protective clothing  |                                | S36 |

## 16 Other Information

Last revised July 2008

This information is based on data currently available and is correct to the best of our knowledge at the time of publication. This information is given as guidance in assessing safe handling, storage and use. Recipients of the product must take responsibility for use and disposal of product observing existing laws and regulations. K-Post supplied by Kilwaughter Chemical Co. Ltd. contains naturally occurring product and as such, minor batch-to-batch variations are inevitable.

## Kilwaughter Chemical Co Ltd

9 Starbog Rd, Larne, Co. Antrim, N. Ireland, BT40 2TJ  
Tel: 028 2826 0766 Fax: 028 2826 0136  
Email: Sales@Kilwaughter.com  
www.K.Rend.co.uk

## Irish Aggregates Ltd

Classis, Ovens, Co. Cork, Ireland  
Tel: 021 4872733 Fax: 021 4871705  
Email: info@IrishAggregates.ie  
www.IrishAggregates.com