

## 1. IDENTIFICATION OF PREPARATION

### Product Code and Names:

<b>75210</b> - Terragrout	<b>75220</b> - Terragrout WJ	<b>75800</b> - Terragrout G11
<b>75805</b> - Terragrout G14	<b>75810</b> - Terragrout G22	<b>75815</b> - Terragrout G23
<b>75820</b> - Terragrout G25	<b>75825</b> - Terragrout G33	<b>75830</b> - Terragrout G35

**Chemical Name:** Mixture of calcium oxide, polymers, fillers cement, and additives

**CAS Number:** Blend

### Identification of Company:

<p><b>CHINA:</b>  <b>Terraco Architectural Coatings China Co., Ltd.</b>            Tel: +86 (0)20 8759 4742            Fax: +86 (0)20 8526 8056            E-mail: sales@terraco.com.cn            Web: www.terraco.com.cn</p> <p><b>Terraco Chemical (Shanghai) Co., Ltd.</b>            Tel: +86 (0)21 621020 48 / 18            Fax: +86 (0)21 625205 47            Email: sales@terraco.com.cn            Web: www.terraco.com.cn</p> <p><b>EGYPT:</b>  <b>Terraco Egypt Chemical Industries S.A.E.</b>            Tel: +20 (0)22 29184 53 / 57 / 58            Fax: +20 (0)22 29184 80            E-mail: terraco@terraco.com.eg            Web: www.terraco.com.eg</p> <p><b>JORDAN:</b>  <b>Jordan Swedish Polymers Industrial Corp.</b>            Tel: +962 (0)6 553 8751            Fax: +962 (0)6 553 6560            E-mail: terraco@nol.com.jo            Web: www.terraco.jo</p> <p><b>IRELAND:</b>  <b>Terraco Technical Centre, Ireland</b>            Tel: +353 (0) 404 66555            Fax: +353 (0) 404 66654            E-mail: technical-centre@terraco.com            Web: www.terraco.com</p>	<p><b>PAKISTAN:</b>  <b>Terraco Pakistan Pvt. Ltd.</b>            Tel: +92 (0)42 3529 70 56-8            Fax: +92 (0)42 3529 70 55            Email: terraco@terraco.pk            Web: www.terraco.com</p> <p><b>ROMANIA:</b>  <b>Terraco Romania SRL</b>            Tel: +40 (0)749 203 133            Fax: +40 (0)318 148 810            E-mail: ahaque@terraco.com            Web: www.terraco.com</p> <p><b>RUSSIA:</b>  <b>OOO Terraco Sweden Ltd, Russia</b>            Tel: +7 (0)495 9212 237            Fax: +7 (0)495 6273 881            E-mail: adm@terraco.ru            Web: www.terraco.ru</p> <p><b>OOO Terraco Vostok Ltd</b>            Tel: +7 (0)4212 410563            Fax: +7 (0)4212 410591            E-mail: terracovostok@terraco.khn.ru            Web: www.terraco.com</p> <p><b>SOUTH KOREA:</b>  <b>Terraco Korea Co., Ltd</b>            Tel: +82 (0) 2 5611 551            Fax: +82 (0)2 5671 771            E-mail: terraco@terraco.co.kr            Web: www.terraco.co.kr</p>	<p><b>THAILAND:</b>  <b>Terraco Industry (Thailand) Limited</b>            Tel: +66 (0)2 946 68 56 / 58            Fax: +66 (0)2 946 68 59            E-mail: terraco@terraco.co.th            Web: www.terraco.com</p> <p><b>TURKEY:</b>  <b>Terraco Yapi Malzemeleri Sanayi Ve Ticaret AS</b>            Tel: +90 (0)222 236 0423            Fax: +90 (0)222 236 0425            E-mail: terraco@terraco.com.tr            Web: www.terraco.com.tr</p> <p><b>UAE:</b>  <b>Terraco UAE Ltd</b>            Tel: +971 (0)4 326 2699            Fax: +971 (0)4 326 2733            E-mail: terraco@terraco.ae            Web: www.terraco.com</p> <p><b>UK:</b>  <b>ADDAGRIP</b>            Tel: +44 (0)1825 761 333            Fax: +44 (0)1825 768 566            E-mail: sales@addagrip.co.uk            Web: www.addagrip.co.uk / www.terraco.com</p> <p><b>VIETNAM:</b>  <b>Terraco Vietnam Co., Ltd</b>            Tel: +84 (0)650 3 820 100            Fax: +84 (0)650 3 820101            E-mail: terraco@terraco.com.vn            Web: www.terraco.com</p>
---	---	--

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Amount	CAS Number
<b>Cement:</b>	<50.0%	65997-15-1
<b>Calcium Oxide:</b>	<5.0%	1305-78-8
<b>Vinyl/Ethylene Polymer:</b>	<5.0%	Proprietary
<b>Silica:</b>	<75.0%	14808-60-7

### 3. HAZARDS IDENTIFICATION

Not classified as dangerous for supply. Avoid inhalation of dust during mixing.	
<b>Potential Health Effects</b>	
<b>Eye</b>	Contact may cause irritation.
<b>Skin</b>	As this product contains Calcium oxide, it may cause skin burns, irritation and possible allergic reaction.
<b>Inhalation</b>	Prolonged or excessive inhalation of crystalline silica may cause lung damage.
<b>Ingestion</b>	Ingestion is not considered a potential route of exposure.
<b>Target Organs</b>	Skin, eyes, respiratory system.
<b>Medical Conditions Aggravated by Exposure</b>	Bronchitis and Asthma.

### 4. FIRST AID MEASURES

<b>General</b>	In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Eye Contact</b>	Flush eye with water for 15 minutes, holding eye lids apart. Get medical attention if irritation develops.
<b>Skin Contact</b>	Remove contaminated clothing. Wash skin with soap and water or a proprietary skin cleaner.
<b>Inhalation</b>	If exposed to excess levels of dust remove to fresh air, and get medical attention if adverse symptoms persist.
<b>Ingestion</b>	If accidentally swallowed, obtain immediate medical attention. Show this safety data sheet. Do not induce vomiting. If conscious give milk or water to drink.

### 5. FIRE FIGHTING MEASURES

<b>Flammable Properties</b>	C.O.C. Flash Point:	None
	T.C.C. Flash Point:	None
	Auto ignition temperature:	None
<b>Flammable Limits In Air</b>	L.E.L.	None
	U.E.L.	None
<b>Extinguishing Media</b>	<p>Use extinguishing media appropriate for surrounding fire.</p> <p>If engulfed by ongoing fire do not allow fire fighting run off to enter drains or watercourses.</p> <p>As in any fire wear self-contained breathing apparatus, pressure demand MSHA/NIOSH (approved or equivalent) and full protective gear.</p>	

### 6. ACCIDENTAL RELEASE MEASURES

<b>Safeguards (Personnel)</b>	Exclude all non-essential personnel. Wear appropriate personal protective equipment.
<b>Initial Containment</b>	<p>Absorb spills with inert material, allow to solidify and scrape up. Do not allow to enter drains or watercourses, clean preferably with a detergent. Do not use solvents.</p> <p>If the product accidentally enters, rivers, lakes, drains or sewers, the Local Authority should be contacted immediately.</p>

#### 7. HANDLING AND STORAGE

<b>General</b>	Smoking, Eating and Drinking should be prohibited in areas of storage or use. Never use pressure to empty the container. Good housekeeping and regular safe removal of waste materials are recommended.
<b>Recommended Storage Temperature</b>	Minimum: 5C (35.6F) Maximum: 40C (104.0F)
<b>Shelf Life</b>	12 months in original sealed containers.
<b>Handling (Personnel)</b>	Avoid breathing dust. Avoid prolonged contact with skin or eyes.
<b>Storage Precautions</b>	Keep dry. Keep out of reach of children. Store separately from Oxidising Agents, and strongly acidic or alkaline materials.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Limits</b>	No information presently available.
<b>Engineering Controls</b>	If user operations generate dust, fumes or mist, use local exhaust ventilation and good general extraction.
<b>Personal Protection</b>	
<b>Respiratory Protection</b>	If airborne concentrations exceed the OSHA TWA, a NIOSH approved dust mask is recommended.
<b>Skin Protection</b>	Wear protective gloves to minimise skin contamination.
<b>Eye Protection</b>	Splashes of mixed for use product and dust may cause irritation, it is recommended that protective goggles should be worn.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Powder
<b>Odour</b>	Slight cement odour
<b>Boiling Point</b>	N/A
<b>Solubility In Water</b>	< 1.0%
<b>Specific Gravity</b>	2.5-3.0 (Water =1)
<b>pH</b>	11-13
<b>Volatile Organic Compounds</b>	0gm./lt.

#### 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable.
<b>Polymerisation</b>	Product will not undergo polymerisation.
<b>Incompatibility With Other Material</b>	Incompatible with oxidising agents and strongly acidic and alkaline materials.

#### 11. TOXICOLOGICAL INFORMATION

There is no data available on the products themselves.	
Repeated or prolonged contact may lead to skin burns, irritation and possible allergic reaction. Splashes in eyes may cause irritation and reversible local damage. Ingestion may result in sore throat, abdominal pain or nausea.	

#### 12. ECOLOGICAL INFORMATION

There is no data available on the products themselves. They should not be allowed to enter drains or watercourses.

#### 13. DISPOSAL CONSIDERATIONS

Do not allow to enter drains and watercourses or anywhere that may affect ground or surface waters. Wastes including emptied containers should be disposed of in accordance with the regulations of the Local Authority.

#### 14. TRANSPORT INFORMATION

To transport within the user's premises, always use closed containers that are secure and upright. Ensure that operational personnel know what to do in event of spillage.

<b>D.O.T. SHIPPING NAME:</b>	Not Applicable
------------------------------	----------------

<b>D.O.T. HAZARD CLASS:</b>	Non-Hazardous
-----------------------------	---------------

#### 15. REGULATORY INFORMATION

The products are determined as not being dangerous for supply according to current Chemicals Hazard Information and Packing Regulations in force.

The information contained in this Material Safety Data Sheet, does not substitute the user's own responsibility to carry out an assessment of work place risks as may be required by Health and Safety Legislation.

#### 16. OTHER INFORMATION

The products should not be used for purposes other than those shown on the manufacturer's product labels and technical data sheets. As the specific conditions of use are outside the supplier's control; the user is responsible for ensuring compliance with the relevant legislation in the territory of use.

The information contained in this Material Safety Data Sheet, is based on the current state of knowledge and current state of Legislation. It provides guidance on Health Safety and Environmental aspects of the products, and should not be taken as a guarantee of technical performance or suitability for particular applications.

<b>Approved by:</b>	J. Carey - Group Technical Director.
<b>Approval date:</b>	04/11/2011
<b>Supersedes:</b>	Not applicable, original version.
<b>Number:</b>	MSDS No. 1080

*This information is furnished without warranty, expressed or implied, except that it is accurate to the best of TERRACO's knowledge. The data on this sheet are related only to the specific materials designated herein. TERRACO assumes no legal responsibility for use or reliance upon this data.*