

1. IDENTIFICATION OF PREPARATION

Product Code and Names:

77210 - TerraRoc MC	77220 - TerraRoc HBR	77230 - TerraRoc MBR
77240 - TerraRoc PMR	77250 - TerraRoc FC	77260 - TerraRoc NS 100
77270 - TerraRoc FMR		

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

CAS Number: Blend

Identification of Company:

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2. COMPOSITION/INFORMATION ON INGREDIENTS

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

3. HAZARDS IDENTIFICATION

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

4. FIRST AID MEASURES

General	In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Eye Contact	Flush eye with water for 15 minutes, holding eye lids apart. Get medical attention if irritation develops.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water or a proprietary skin cleaner.
Inhalation	If exposed to excess levels of dust remove to fresh air, and get medical attention if adverse symptoms persist.
Ingestion	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

Flammable Properties	C.O.C. Flash Point:	None
	T.C.C. Flash Point:	None
	Auto ignition temperature:	None
Flammable Limits In Air	L.E.L.	None
	U.E.L.	None
Extinguishing Media	<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

Safeguards (Personnel)	Exclude all non-essential personnel. Wear appropriate personal protective equipment.
Initial Containment	<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

General	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.
Recommended Storage Temperature	Minimum: 5C (35.6F) Maximum: 40C (104.0F)
Shelf Life	12 months in original sealed containers.
Handling (Personnel)	Avoid breathing dust. Avoid prolonged contact with skin or eyes.
Storage Precautions	Keep dry. Keep out of reach of children. Store separately from Oxidising Agents, and strongly acidic or alkaline materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits	No information presently available.
Engineering Controls	If user operations generate dust, fumes or mist, use local exhaust ventilation and good general extraction.
Personal Protection	
Respiratory Protection	If airborne concentrations exceed the OSHA TWA, a NIOSH approved dust mask is recommended.
Skin Protection	Wear protective gloves to minimise skin contamination.
Eye Protection	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

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

10. STABILITY AND REACTIVITY

Stability	Stable.
Polymerisation	Product will not undergo polymerisation.
Incompatibility With Other Material	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.

D.O.T. SHIPPING NAME:	Not Applicable
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D.O.T. HAZARD CLASS:	Non-Hazardous
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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.

Approved by:	J. Carey - Group Technical Director.
Approval date:	04/11/2011
Supersedes:	12/07/2010
Number:	MSDS No. 1005

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