



MSDS

Material, Safety Data Sheet May be used to comply with OSHA Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.		US Department of Labor Occupational Safety and Health Administration (Non-mandatory Form) Form Approved OMB No.1218-0072	
IDENTITY (as Used on Label and List CRAS –NON- EXPLOSIVE DEMOLITION GROUT		Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.	
Section I			
Manufactures' name KAYATI SL.		Emergency Telephone Number. 334-382-1000	
Address(Number, Street, City, State and ZIP Code) Calle A, no. 5-polígono Indus. San José de los Llanos. 01230 NANCLARES DE LA OCA-ALAVA (Spain)		Telephone Number for Information (34) 945 135626 (Spain)	
		Date Prepared October 20, 2004	
		Signature of Preparer (optional)	
Section II-Hazardous Ingredients/ Identity Information			
Hazardous Components (Specific Chemical Identity, Common Name(S)		Other Limits Recommended % (optional)	
1.-HAZARDOUS COMPONENTS: NONE 2.-NON-HAZARDOUS CHEMICAL COMPOUNDS: (% BY Weight)			
2.1 Limestone and Dolomite		95/97%	
2.2 Regulatory additives of the reaction		3/5%	
		TOTAL 100%	
Section III-Physical/Chemical Characteristics			
Boiling Point	Not Applicable	Specific Gravity (H2O=1)	2.20
Vapor Pressure (mm Hg)	Not Applicable	Melting Point	1000C
Vapor Density (AIR=1)	Not Applicable	Evaporation Rate (Butyl Acetate=1)	Not Applicable
Solubility in Water Slight			
Appearance and Odor Gray Powder, No Odor			
Section IV-Fire and Explosion Hazard Data			
Flash Point (Method Used) Not Applicable	Flammable Limits Not Applicable	LEL	UEL
Extinguishing Media Not Applicable			
Special fire Fighting Procedures In the event of fire near product, use foam only. Do not use water.			
Unusual Fire and Explosion hazards When used incorrectly, such as incorrect hole-diameter, improper temperature range, or warm water, blow outs of material may occur.			

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Section V-Reactivity Data				
Stability	Unstable		Conditions to Avoid Not Applicable	
	Stable	Yes		
Incompatibility (Materials to Avoid) Water (Storage Only)				
Hazardous Decomposition or By products None				
Hazardous Polymerization	May Occur		Conditions to Avoid Not Applicable	
	Will Not Occur	Yes		
Section VI Health Hazard Data				
Route(s) of Entry	Inhalation? Avoid	Skin Avoid	Ingestion? Avoid	Eye Contact? Avoid
Health Hazards (Acute and Chronic)				
1. -Skin and eye contact: Irritation, Burn				
2. Inhalation and Ingestion: The same symptoms as cement or quicklime will appear.				
Carcinogenicity	NTP? Not Applicable	IARC Monographs? Not Applicable	OSHA Regulated? Not Applicable	
Signs and Symptoms of Exposure				
Since the product is an alkali material, skin etc. may be irritated				
Medical Conditions				
Generally aggravated by exposure. Skin, eyes, nose, and throat may be irritated and burned unless immediately rinsed off completely				
Emergency and First-Aid Procedures				
If skin comes in contact with the product, rinse thoroughly with water; wash with soap and rise with water. If eyes come in contact with the product, rinse thoroughly water and consult with a doctor as soon as possible. Remove the dirty clothes.				
Section VII-Precautions for Safe Handling and Use				
Gather the released or spilled product with broom or shovel.				
Waste Disposal Method: Gather the released or spilled powder with broom or shovel. Dilute the remaining powder by hosing area thoroughly with water. After product has activated and become hard, it can be safely removed with debris.				
Precautions to be taken in Handling and Storing: Store the product under dry conditions. Avoid dust while handling the product. For safe handling follow precautions for safety and hygiene, like washing hands before and after handling. Do not drink, eat or smoke during handling. Always wear safety goggles, dust-proof mask and rubber gloves when handling the product.				
Other Precautions When mixed with water, the product expands under high temperature development. Stay away from holes filled with the mixture of the product and water to avoid any accident to be caused by blow out. Avoid any heat source near holes and product.				
Section VIII Control Measures				
Respiratory protection (Specify Type) It is recommended to wear ordinary dust-proof mask				
Ventilation Good ventilation	Local Exhaust Not Applicable		Special Not Applicable	
	Mechanical (General) Not Applicable		Other Not Applicable	
Protective gloves Ordinary Rubber gloves		Eye Protection Safety Goggles		
Other Protective Clothing or Equipment Dust Proof Mask				
Work/Hygienic Practices Not Applicable				