

MATERIAL SAFETY DATA SHEET

(ACCORDING TO DIRECTIVE 91/155/EEC)

1.	INFORMATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING	
1.1	IDENTIFICATION OF THE SUBSTANCE/PREPARATION	FILLITE
1.2	OTHER NAME	CENOSPHERES
1.3	COMPANY/UNDERTAKING IDENTIFICATION	TRELLEBORG FILLITE LTD GODDARD ROAD, ASTMOOR INDUSTRIAL ESTATE, RUNCORN CHESHIRE WA7 1QF
1.4	EMERGENCY TELEPHONE NUMBER	01928 566661
2.	COMPOSITION/INFORMATION ON INGREDIENTS	
2.1	COMPOSITION	HOLLOW MICROSPHERES OF ALUMINO SILICATE EXTRACTED FROM FLY ASH (PFA)
2.2	HAZARDOUS INGREDIENTS	N/A
2.3	CLASSIFICATION SYMBOL	N/A
3.	HAZARDOUS IDENTIFICATION	
	THE LIGHTWEIGHT NATURE OF THE MATERIAL CAN RESULT IN AIR BORNE DUST IF SPILLAGE OCCURS. THIS IN TURN CAN LEAD TO SEVERE EYE IRRITATION.	

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4.	FIRST AID MEASURES	
	EYE CONTACT	WASH EYES COPIOUSLY WITH CLEAN WATER AND IF IRRITATION PERSISTS SEEK MEDICAL ADVICE.
	SKIN CONTACT	REMOVE FROM SKIN BY WASHING THOROUGHLY WITH SOAP AND WATER.
	INHALATION	REMOVE FROM EXPOSURE.
	INGESTION	IF INGESTED, DRINK PLENTY OF WATER AND SEEK MEDICAL ADVICE.
5.	FIRE-FIGHTING MEASURES	
	MATERIAL IS NON-COMBUSTIBLE AND PRODUCES NO HAZARDOUS PRODUCTS IN A FIRE SITUATION.	
6.	ACCIDENTAL RELEASE MEASURES	
	WEAR EYE AND RESPIRATORY PROTECTION. ALERT NEIGHBOURHOOD OF POSSIBLE EYE AND RESPIRATORY IRRITATION RISK. SPILLAGES SHOULD BE DAMPENED WITH WATER AND BRUSHED UP.	
7.	HANDLING AND STORAGE	
7.1	HANDLING	PRODUCT SHOULD BE HANDLED IN A MANNER TO AVOID THE GENERATION OF DUST.
7.2	STORAGE	PRODUCT SHOULD BE STORED IN CLOSED CONTAINERS, BAGS ETC.

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8.	EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1	RESPIRATORY PROTECTION	RESPIRATORY PROTECTION MUST BE WORN TO PROVIDE A MINIMUM NOMINAL PROTECTION FACTOR (NPF) OF 10 (BS 4275).
8.2	HAND PROTECTION	WEAR CHROMED COTTON GLOVES.
8.3	EYE PROTECTION	WEAR EYE PROTECTION COMPLYING WITH BS 2092.
8.4	SKIN PROTECTION	WEARING OF GLOVES, OVERALLS, BOOTS AND HELMETS IS ADVISED.
9.	PHYSICAL AND CHEMICAL PROPERTIES	
9.1	FORM	SOLID, FINE PARTICLE POWDER.
9.2	COLOUR	GREY, OFF-WHITE OR GREY/BROWN
9.3	ODOUR	A SLIGHT EARTHY ODOUR MAY BE PRESENT.
9.4	pH-VALUE	6 - 8 IN A 50% SOLIDS CONCENTRATION.
9.5	MELTING POINT	1200 – 1400 °C
9.6	BOILING POINT	N/A
9.7	FLASH POINT	N/A
9.8	FLAMMABILITY	NON-FLAMMABLE
9.9	AUTOFLAMMABILITY	N/A
9.10	EXPLOSIVE PROPERTIES	NONE
9.11	VAPOUR PRESSURE	N/A
9.12	RELATIVE DENSITY	0.60 - 0.85 G/CC

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9.13	SOLUBILITY a) WATER SOLUBILITY b) FAT SOLUBILITY	NEGLIGIBLE NEGLIGIBLE
9.14	PARTITION COEFFICIENT	N/A
9.15	FURTHER DATA a) THERMAL DECOMPOSITION	PRODUCT MELTS WITH NO CHANGE IN CHEMICAL COMPOSITION.
10.	STABILITY AND REACTIVITY	
10.1	CONDITIONS TO AVOID	NONE
10.2	MATERIALS TO AVOID	NONE
10.3	HAZARDOUS DECOMPOSITION PRODUCTS	NONE
10.4	FURTHER INFORMATION	NONE
11.	TOXICOLOGICAL INFORMATION	
11.1	ACUTE ORAL TOXICITY	FILLITE HAS A TYPICAL PARTICLE SIZE OF 20-300 MICRONS AND IS THEREFORE CLASSIFIED AS A NUISANCE DUST. CENOSPHERES CONTAIN CRYSTALLINE SILICA AT TYPICAL LEVELS OF 1.5% ALTHOUGH ALL CRYSTALLINE MATERIAL IS BONDED INTO THE GLASSY SHELL. CARE SHOULD THEREFORE BE TAKEN TO AVOID MILLING OR GRINDING THE MATERIAL WHICH MAY GENERATE RESPIRABLE PARTICLES. PROLONGED EXPOSURE TO HIGH LEVELS OF RESPIRABLE CRYSTALLINE SILICA IS CONSIDERED A POSSIBLE CAUSE OF SILICOSIS THAT MAY LEAD TO LUNG CANCER. THE NATURE OF CENOSPHERES HOWEVER MEAN THEY ARE CONSIDERED HARMLESS.

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12.	ECOLOGICAL INFORMATION	
	ENVIRONMENTALLY BENIGN.	
13.	DISPOSAL CONSIDERATION	
	DISPOSE OF IN SEALED BAGS TO A GENERAL INDUSTRIAL WASTE SITE.	
14.	TRANSPORT INFORMATION	
14.1	GGVSee/IMDG CODE	N/A
14.2	GGVE/GGVS	N/A
14.3	UN NUMBER	N/A
14.4	RID/ADR	N/A
14.5	ICAO/IATA-DGR	N/A
14.6	ADNR	N/A
15.	REGULATORY INFORMATION	
	NO SPECIFIC PROVISIONS. USER SHOULD REFER TO ANY NATIONAL MEASURES THAT MAY BE RELEVANT.	
16.	OTHER INFORMATION: Registration Status	
	HS COMMODITY CODE: 26219 00000 AND 6806900000 ARE BOTH SUITABLE CAS NUMBERS: 68131-74-8 (FLY ASH) AND 65997-17-3 (GLASS OXIDE)ARE CONSIDERED SUITABLE.	

Product: Fillite	July 2005
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