Material Safety Data Sheet

QUICK IDENTIFIER (in Plant Common Name)

OMNISIL

	^{ime} Ther	mal Material Systems, Inc.	•	Emergency Telepho Number	1-775-359-6111	
Address		E. Glendele Avenue ka, NV 89431	· · · · · · · · · · · · · · · · · · ·	Other Information Calls	1-800-523-3781	
Signature of Pers	on -	Gary R. Teague		Oate Prepared	March 30, 2000	·
SECTION 1	- IDENT	пу				
Common Name (Frade Name & S)		OmniSil™ Silica Cloth		CAS No.	7631-86-9	_
Chemical Name	· · · · · · · · · · · · · · · · · · ·	Silicon Dioxide		Chemical Family	Amorphous Silica	
ormula		SiOz				
SECTION 2	- HAZA	ROOUS INGREDIENTS	-			
rincipal Hazardo	ua Componen	(s) (chemical & common name(s	3))	%	Threshold Limit Value	(unils
Amorphous Silica				> 99 %	ACGIH 10n	ig/m3
There is no	t an establi	shed threshold limit value ((TLV) that is direc	tly applicable to the Omi	niSil woven silica tabrics.	_ =:
Chemically	, the OmniS	il silica cioths are compos	ed of about 99.5%	% amorphous silicon diox	kide with trace elements of iro	n,
sodium and	magnesiu	m. The OmniSil cloths are	produced from co	ontinuous filament yam w	rith a medium filament diame	ter
					rith a medium filament diame icrons with the maximum size	
of 7.974 mi	crons with	a standard deviation of 1.3	49. The minimum	n filament size is 5.575 m	icrons with the maximum size	
of 7.974 mi	crons with e	a standard deviation of 1.3 icrons. The OminiSil filame	49. The minimum	n filament size is 5.575 m ed non-respirable. The O	icrons with the maximum size	
of 7.974 mi measured a transform to	crons with a at 12.618 m o a cristobo	a standard deviation of 1.3 icrons. The OminiSil filame lite structure when subject	49. The minimum ents are consider led to steady state	n filament size is 5.575 m ed non-respirable. The O e temperatures above 2,	icrons with the maximum size mniSil cloths will partially 150°F. In the event that the	
of 7.974 mi measured a transform to OmniSil clo	crons with a at 12.618 m o a cristobo oths are sub	a standard deviation of 1.3 icrons. The OmniSil filame lite structure when subject jected to continuous temporary.	49. The minimum ents are consider led to steady state	n filament size is 5.575 m ed non-respirable. The O e temperatures above 2,	icrons with the maximum size mniSil cloths will partially 150°F. In the event that the	
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of 7.974 mi measured a transform to OmniSit clo exercised.	crons with a at 12.618 m o a cristobo oths are sub	a standard deviation of 1.3 icrons. The OmniSil filame lite structure when subject jected to continuous tempor 6)	49. The minimum onts are considerated to steady state eratures exceeding HARACTERISTI	o filament size is 5.575 m ed non-respirable. The O e temperatures above 2, ng 2,150°F, appropriate p	icrons with the maximum size mniSil cloths will partially 150°F. In the event that the precautions should be	
of 7.974 mi measured a transform to OmniSit clo exercised. SECTION 3	crons with a at 12.618 m b a cristobo oths are sub (See Section 3 — PHYS	a standard deviation of 1.3 icrons. The OminiSil filame lite structure when subject jected to continuous tempor 6)	49. The minimum onts are considerated to steady state eratures exceeding HARACTERISTI	of filament size is 5.575 m ed non-respirable. The O e temperatures above 2, ring 2,150°F, appropriate p	icrons with the maximum size mniSil cloths will partially 150°F. In the event that the precautions should be	
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of 7.974 mi measured a transform to OmniSit clo exercised. SECTION 3 Soiling Point Percent Volatile by Volume (%)	crons with a at 12.618 m b a cristobo oths are sub (See Section 3 — PHYS	a standard deviation of 1.3 icrons. The OmniSil filame lite structure when subject jected to continuous tempor 6)	49. The minimum ents are considered to steady state eratures exceeding HARACTERISTI Spec (H2C) Vapo	of filament size is 5.575 m ed non-respirable. The O e temperatures above 2, ng 2,150°F, appropriate p CS (Fire & Explosion CS (Fire & Explosion CS (Fire & N/A CS (Air=1) N/A CS (Air=1) N/A	mniSil cloths will partially 150°F. In the event that the precautions should be precautions Should be N/A Evaporation Rate (=1)	
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Siability	Stable: See "incompatibility"				
ncompatability (Materials to Avoid)	OmniSil materials are not compatible with basic phosphates, hydrofluoric acid, some oxides and				
(Materials to Nacial	hydroxides; especially at elevated temperatures.				
Hazardous Decomposition Products	Some forms of OmniSii may be treated with a vermiculite finish (see seperate MSDS Z-01367).				
Hazardous Polymerization	Will not occur.				
SECTION 5 — HE	ALTH HAZARDS				
Threshold Limit Value	ACGIH TLV is 10mg/m3				
Signs and Symptoms of Exposure	Some characteristics of OmniSII are similar to fiberglass which is identified as a nuisance particul				
2. Chronic Overexposure	by ACGtM. Hypersensative personnel may experience some irritation of the skin. If skin irritation				
Medical Condittions Gene Aggravated by Exposure	persists, wash with mild soap and water and seek medical attention.				
Chemical Lited as Carcino or Potential Carcinogen	(Monographs				
OSHA Permissible Exposure Limit	10 mg/m3 ACGIH Threshold 10 mg/m3 Other Exposure 10 mg/m3 Limit Used				
Emergency and First Aid Procedures	OmniSil fibers are non-respirable. A respirable fiber is defined as one longer than 5 μ and less than 3				
1. Inhalation	in width and with a length:width ratio of more than 3:1. OmniSil is a continuous filament, 6 µ fiber prod				
2. Eyes N on e	usually required. If imitation occurs, flush with running water and seek medical attention.				
3. Skin None	usually required. If irritation occurs and persists, wash with soap and water and seek medical attention.				
	usually requires. If ingestion occurs, consult a physician.				
SECTION 6 - S	PECIAL PROTECTION INFORMATION				
Respiratory Protection (Specify Type)	None Vausily, Required (NUR).				
	Local YES Mochanical NUR Special N/A Other N/A Exhaust YES (General)				
Ventilation YES					
\	NUR Eye NUR Protection				
Ventilation YES Protective	NUR Eye NUR NUR				
Ventilation YES Protective Gloves Other Projective	NUR Protection				
Protective Gloves Other Protective Clothing or Equipment	NUR Protection				
Protective Gloves Other Protective Clothing or Equipment SECTION 7 — 8 Precautions to be Taken	NUR Protection NUR PECIAL PRECAUTIONS ANS SPILL/LEAK PROCEDURES				