

CHZIRC Zirconium Silicate

MATERIAL SAFETY DATA SHEET

CHEMALLOY CO. INC. P.O. BOX 350 BRYN MAWR, PA 19010-0350 Telephone: (610) 527-3700 Telefax: (610) 527-3878				CHEMICAL NAME: Zirconium Silicate COMMON/TRADE NAME: Zircon Sand, Flour, Concentrates DATE:															
										SECTION I — H	IAZARDOUS I	NGRED	ENTS						consistency of the constraint and the constraint of the constraint
										Hazardous Compo (Specific Chemica	onents al Identity)		CAS#		OSHA PEL	, ,	Α	CGIH	TLV
										Zirconium Si	ilicate (Zi	rcon)	14940-68-2	5mg/M ³	TWA, 10mg/1 (as Zr)	₄ 3 STEL		TWA,	
Silica (SiOg)		14808-60-7	0.1mg/N (Respi	4 ³ TWA Lrable Dust)	0.1mg/M (Respi	3 TWA	Dust)										
(Recommended	l Limit of 3	3mg/M ³	TWA Respir	able Dust f	for Zircon o	lue to 1	ninute t	races	of										
Uranium, Thor																			
SECTION II — P	HYSICAL/CH	EMICAL	CHARACTER	RISTICS															
Welting Point 4082°F				Specific Gravity (H ₂ O = 1) 4.8															
Solubility (Water) Nil				Other															
Appearance and Odor			37 1																
SECTION III — F	White t		n. No odo	T.				30000000000000000000000000000000000000											
Stability: Unstable	Conditions to																		
Stable				· · · · · · · · · · · · · · · · · · ·	Vacanti de la companya de la company		The state of the second order												
65 Ub. (Ad-Ad-id-I	X																		
incompatibility (Materials		None	known.																
Hazardous Decomposition	on or Byproducts	None	Known.																
tazardous May Occur Polymerization:		,	nditions to Avoid				- Committee of the Comm	SEAN AND THE CANADASTOCK STANKS											
1	Will Not Occur	Х																	
SECTION IV — F	IRE AND EXP		HAZARD DA	TA	and Control of the Co		PROPERTY IN CONTRACT OF THE PARTY OF THE PAR		Managaran di Salah d										
lash Point (Method Use				and the second section of the second		NEW CONTROL OF THE PARTY OF THE		STEROOD STATE											
xtinguishing Media	None]			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	POWER WEST Line - November 1900 to the Ministrative And												
pecial Fire Fighting Prod	Cedures	,					:												
poolar no righting rich			Not a	a fire or ex	xplosion ha	zard.	NO March Street		·										
nusual Fire and Explosi	on Hazards																		
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SECTION V — HEALTH HAZARD	DATA						
Route(s) of Entry	Inhalation.						
Health Hazards (Acute and Chronic)	azards (Acute and Chronic) May cause irritation of the respiratory system. Zircont						
Silicate is insoluble and	considered inert, although it is possible to form granuloma in						
	ains 0.2% of crystalline silica (common sand), small amounts of						
which may be in the respi	rable form and may cause lung damage (silicosis) and cancer risk						
if longtime overexposure	occurs.						
Carcinogenicity	Crystalline Silica (common sand) has been listed by the						
International Agency for 1	Research on Cancer as a human carcinogen.						
Signs and Symptoms of Overexposure	Irritation of the respiratory system.						
Emergency and First Aid Procedures	On contact with skin, practice proper hygiene. On contact						
with eyes, flush eyes thor	roughly with water for 15 minutes. On inhalation of excessive						
	Seek medical attention if problems persist.						
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SECTION VI — SPECIAL PROTECT	TION AND PRECAUTIONS						
Ventilation and Engineering Controls	Appropriate ventilation.						
Personal Protective Equipment	NIOSH-certified respirator, gloves and ANSI-approved eye						
protection.							
Sale Handling, Use and Storage	Normal handling and storage.						
Protective Measures During Repair & Maintenance	Use protective equipment listed above.						
Other							
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SECTION VII — SPILL OR LEAK P							
Steps to Be Taken in Case Material is Released or S	Spilled Use normal clean-up procedure.						
Waste Disposal Method	Follow federal, state and local regulations.						
Other Precautions	Follow all other precautions and data noted herein.						

NOTE: The data contained in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information herein is based on technical data that Chemalloy believes to be reliable. It is intended to be used by persons with technical skill. Prior to use, users shall conduct their own investigation(s) to determine the suitability of the information for their particular purpose, and appropriate warnings and safe handling procedures should be provided to handlers and users. Any use of this data must be determined by the user to be in accordance with federal, state and local laws and regulations. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents. Since conditions of use and suitability are beyond Chemalloy's control, any risks of use and suitability are therefore assumed by the user, and Chemalloy expressly disclaims all warranties, including warranties of merchantability and fitness for a particular purpose, express or implied, in respect to the use or suitability of the material.