

Material Safety Data Sheet: Non-Asbestos Brake Pad NS306H

Ingredient	C.A.S. No.	OSHA PEL	ACGIH TLV
Calcium Hydroxide total dust respirable fraction	1305-62-0	15 mg/m ³ (TWA) 5 mg/m ³ (TWA)	5 mg/m ³ (TWA)
Calcium Silicate total dust respirable fraction	1344-95-2	15 mg/m ³ (TWA) 5 mg/m ³ (TWA)	10 mg/m ³ (TWA)
Copper (dusts and mists as Cu)	7440-50-8	1 mg/m ³ (TWA)	1 mg/m ³ (TWA)
Cryolite (as F)	152096-52-3	2.5 mg/m ³ (TWA)	2.5 mg/m ³ (TWA)
Graphite	7782-42-5	15 mppcf (TWA)	2 mg/m ³ (TWA)
Mica	12001-26-2	20 mppcf (TWA)	3 mg/m ³ (TWA)
Vitreous Silicate Fibers – (Soluble Amorphous Wool) Information is specific to the form of wool used in this product.	Trade secret	None	None: Supplier recommends 1 fiber/cc (respirable) and/or 5 mg/m ³ respirable dust (TWA)
Tin Powder	7440-31-5	2 mg/m ³ (TWA)	2 mg/m ³ (TWA)
Tin Sulfide	1314-95-0	2 mg/m ³ (TWA)	2 mg/m ³ (TWA)
Zirconium Oxide (as Zr)	1314-23-4	5 mg/m ³ (TWA)	5 mg/m ³ (TWA) 10 mg/m ³ (STEL)
Zirconium Silicate (as Zr)	1314-23-4	5 mg/m ³ (TWA)	5 mg/m ³ (TWA) 10 mg/m ³ (STEL)

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	N/A	Specific Gravity	2.5 – 3.5
Vapor Pressure (mm Hg)	N/A	Melting Point	N/D
Vapor Density (air=1)	N/A	Evaporation Rate	N/A
Solubility in Water	None		
Appearance and Odor	Solid, odorless, gray color		

SECTION 10 – STABILITY AND REACTIVITY

Stability	Unstable:	Condition to Avoid: None Known
	Stable: X	
Incompatibility (Materials to Avoid): Avoid contact with strong acids and strong oxidizers		
Hazardous Decomposition or By-products: Incomplete combustion will create carbon monoxide and carbon dioxide.		
Hazardous Polymerization	May Occur:	Condition to Avoid: None Known
	Will Not Occur: X	