



U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-11387

MATERIAL SAFETY DATA SHEET

Prepared By:
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Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

Rev. 1-16-86

SECTION I

MANUFACTURER'S NAME J-M A/C Pipe Corporation		EMERGENCY TELEPHONE NO. (209) 982-1500
ADDRESS (Number, Street, City, State, and ZIP Code) 1051 Sperry Road, Stockton, CA 95206		
CHEMICAL NAME AND SYNONYMS Asbestos-Cement Pipe	TRADE NAME AND SYNONYMS TRANSITE Pipe	
CHEMICAL FAMILY Mineral	FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	N/A		BASE METAL	N/A	
CATALYST	N/A		ALLOYS	N/A	
VEHICLE	N/A		METALLIC COATINGS	N/A	
SOLVENTS	N/A		FILLER METAL PLUS COATING OR CORE FLUX	N/A	
ADDITIVES	N/A		OTHERS	N/A	
OTHERS	N/A				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Asbestos [CAS #: 1332-21-4], A Carcinogen Determined By IARC				15	2f/cc
Silica [CAS #: 7631-86-9]				35	5mg/m ³
Portland Cement				50	15mg/m
* TLVs Refer To Airborne Concentrations Over 8-Hr TWA.					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	1.85
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (1=1)	N/A
SOLUBILITY IN WATER	N/A		
APPEARANCE AND ODOR	Grayish-White Pipe; Odorless;		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N/A	FLAMMABLE LIMITS	N/A	Let	Ust
EXTINGUISHING MEDIA	N/A				
SPECIAL FIRE FIGHTING PROCEDURES	N/A				
UNUSUAL FIRE AND EXPLOSION HAZARDS	None				

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Olsen
EXHIBIT NO. 9
FITZGERALD 1-11-12

802

SC-JMM-3085

A/C Pipe

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE Shown On First Page: Inhalation Of Excessive Silica May Cause Silicosis.	
EFFECTS OF OVEREXPOSURE Over-Exposure To Excessive Concentrations Of Airborne Asbestos Fibers May Cause	
Pulmonary Disease. Smoking Greatly Increases Risk From Asbestos Exposure.	
EMERGENCY AND FIRST AID PROCEDURES Inhalation: Move Person To Fresh Air. Eyes: Wash With Water For 15 Minutes.	
Skin: Clean Area Of Contact. Ingestion: Seek Medical Attention If Necessary.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID Power Driven Saws With Abrasive Discs Should NOT Be Used For Dry Cutting Or Beveling Asbestos-Cement Pipe. Always Avoid Creating And Breathing Dust.
	STABLE		
INCOMPATIBILITY (Materials to avoid)			
None			
HAZARDOUS DECOMPOSITION PRODUCTS			
None			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	
			N/A

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Pipe Fragments And Installation Debris Must Be Handled In A Manner Which Avoids	
Airborne Dispersion Of Asbestos Dust. Use Wet Or Vacuum Method For Clean-Up.	
WASTE DISPOSAL METHOD	
Comply With All Applicable Local, State, And Federal Regulations.	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type) Not Required When Recommended Work Practices Are Followed.			
VENTILATION	LOCAL EXHAUST	N/A	SPECIAL
	MECHANICAL (General)	N/A	OTHER
			N/A
PROTECTIVE GLOVES		Not Required	EYE PROTECTION
			Not Required
OTHER PROTECTIVE EQUIPMENT Not Required When Recommended Work Practices Are Followed.			

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Follow "Recommended Work Practices For A/C Pipe" Published By A/C Pipe	
Producers Association.	
OTHER PRECAUTIONS All Tools Which May Release Asbestos Fibers In Excess Of The Exposure Limits Shall Be Provided With Local Exhaust Ventilation Systems.	

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