5/28/82

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

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
Johns-Manville Corp.	303/978-3118
ADDRESS (Number, Street, City, State, and ZIP Code)	
Ken-Caryl Ranch, Denver, Colorado 80217 (P. O. Box 5108)	
CHEMICAL NAME AND SYNONYMS: Asphaltic Cement	TRADE NAME AND SYNONYMS: ASBESTILE Cement
CHEMICAL FAMILY	FORMULA

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS Mineral Spirits	25	500 ppm	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Asphalt	35	5 mg/M^3 (fumes)
Asbestos Fiber (firmly encapsulated in product)	10	*
*See attached (29 CFR 1910.1001)		

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H_2O=1)	2.0
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE	25
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR	Black semi-liquid, asphalt odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
120°F Pensky-Martin closed cup			

EXTINGUISHING MEDIA
CO_2, dry chemical, foam, water fog

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS
Combustible liquid

(Continued on reverse side)

Form OSHA-20
Rev. May 72

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
See Section II

EFFECTS OF OVEREXPOSURE
Skin and eye irritant. Inhalation of excessive amounts of solvent fumes may involve reversible and irreversible changes.

EMERGENCY AND FIRST AID PROCEDURES
Skin contact - wash with soap and water. Eye contact - flush with copious amounts of water. If irritation persists, consult a physician. Inhalation - remove to fresh air, call a physician.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*
None in designed use.

HAZARDOUS DECOMPOSITION PRODUCTS
Paraffinic and aromatic hydrocarbons.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Clean up immediately. Keep away from heat, sparks and open flame. Avoid breathing solvent fumes.

WASTE DISPOSAL METHOD
Comply with all applicable local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*
NIOSH approved for protection against organic vapors.

VENTILATION	LOCAL EXHAUST Recommended in confined spaces.	SPECIAL
	MECHANICAL *(General)*	OTHER

PROTECTIVE GLOVES Recommended	EYE PROTECTION Recommended

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Do not store near sources of ignition.

OTHER PRECAUTIONS
Use only with adequate natural or mechanical ventilation. See caution label on can.

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, JOHNS-MANVILLE CORPORATION MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

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