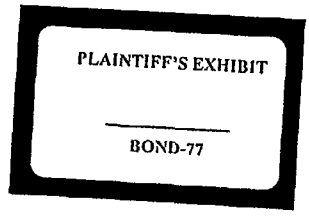
OSHA



February 17, 1975

Mr. William T. Marr
NRMC Branch Dispensary (Code 730)
Norfolk Naval Shipyard
Portsmouth, VA 23709

Dear Mr. Marr:

In response to your letter of February 11, clarifying material safety data sheet interest specifically in Pre-Mixed Joint Cement, we enclose herewith a separate sheet listing raw materials and approximate percentage content in our formulation.

Further clarification as to each raw material is provided with the copy enclosed of the material safety data sheet provided us by the raw material supplier and we trust that this specific breakdown of handling 7 different raw materials will best provide you with the detailed information that you require. Should there be any further question on this please don't hesitate to contact us.

Sincerely yours,

BONDEX INTERNATIONAL, INC.

Julius K. Nemeth

JKN/tw

DEPARTMENT OF THE NAVY
NORFOLK NAVAL SHIPYARD
PORTSMOUTH, VIRGINIA 23709

In reply refer to

11 Feb 1975

Bondex International
Brunswick, Ohio 44212

Gentlemen:

The Industrial Hygiene Division at this activity is responsible for formulating plans for the protection of the health and well-being of our employees. In order to do this effectively, we maintain a file of chemical compositions of materials used at this Shipyard. To complete our file, we are interested in obtaining information for the product shown on each enclosed data sheet. This sheet is a guide for your use in supplying the requested information. We consider ~~Item A~~ Section II to be the most important.

We are required to treat information concerning a proprietary product's composition as confidential. It will be used only for the purpose of protecting the health and safety of our employees and the security of Government property.

Should you find it necessary to withhold the exact formulation of your products, we would appreciate receiving a list of ingredients and an approximate percentage composition. For example, if the exact formulatior of a material is:

Methylene chloride	50%
Methyl ethyl ketone	35%
Toluene	14.5%
Benzene	0.5%

an acceptable completion of ~~Item A~~ Section II could be:

Methylene chloride	over 40%
Methyl ethyl ketone	20-40%
Toluene	less than 25%
Benzene	Impurity or trace

Your cooperation is greatly appreciated. A reply at your earliest convenience is desired. (30 days).

Sincerely yours,

WILLIAM T. MARR

ENCL:
(1) Material Safety Data Sheet
(2) Self-addressed mailing label

5ND NNSY 6270/2 (2-66)

BON - 00763

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

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

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

SECTION I

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
Bondex International	216-225-3169
ADDRESS (Number, Street, City, State, and ZIP Code) Brunswick, Ohio 44212	216-842-0360
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Pre-Mixed Joint 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			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
See specific raw material safety data sheets attached.		

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H_2O=1)	
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel

EXTINGUISHING MEDIA

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS

(Continued on reverse side)

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
EFFECTS OF OVEREXPOSURE
EMERGENCY AND FIRST AID PROCEDURES

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE		
INCOMPATABILITY *(Materials to avoid)*			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR		

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
WASTE DISPOSAL METHOO

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL *(General)*	OTHER
PROTECTIVE GLOVES	EYE PROTECTION	
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
OTHER PRECAUTIONS

APPROXIMATE PERCENTAGE RAW MATERIAL CONTENTS BONDEX PRE-MIXED JOINT CEMENT

Limestone	45%
ASP-400	5%
Mica	7%
Asbestos 7RF-2	3.5%
Cellosize	.5%
Water	34%
Ethylene Glycol Ucar Latex Additive	1.5%
Resyn #25-6412	3.5%

From the desk of

Julius K. Nemeth

APPROXIMATE PERCENTAGE RAW MATERIAL CONTENTS BONDEX PEE-MIKE JOINT CEMENT

~~Code~~

Limestone	45 %
ASP-400	5 %
Mica	7 %
Asbestos 7RF-2	3.5 %
Cellosize	.5 %
Water	34 %
Ethylene Glycol	1 %
Vcar Latex Additive	1.5 %
Resyn #25-6412	3.5 %