C 148-2

UNION CARBIDE

INTERNAL CORRESPONDENCE

PLAINTIFF'S EXHIBIT

UC-4490

MINING AND METALS DIVISION

P. O. BOX 579, NIAGARA FALLS, NEW YORK 14302

To (Name) Messrs. R. E. Byrne, Jr.
Division G. L. Dickson
Location B. L. Ingalls
E. J. Kleber
F. H. Larrison
J. L. Myers
Copy to T. P. Norris
J. W. Rawlings ✓

Date March 23, 1972

Originating Dept. Research and Development Department

Answering letter date

Subject Product Information Questionnaire

The attached Product Information Questionnaire was prepared in response to a request from a specific customer. It has been cleared through the appropriate legal and medical people in New York and can be used with other customers as needed. It is my impression that many of these questions appear quite frequently.

H. B. Rhodes

H. B. Rhodes

HBR:cjb
Attachment

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PRODUCT INFORMATION QUESTIONNAIRE

(Supplemental Information to Material Safety Data Sheet)

Manufacturer's Name: UNION CARBIDE CORPORATION

Chemical Name and Synonyms: Chrysotile Asbestos

Trade Name: Imcobest, Visbestos, Supervisbestos

In addition to the information requested on the Material Safety Data Sheet, we would appreciate receiving information regarding the items listed below. We realize that in some instances, a complete answer may involve proprietary information that you may not wish to divulge. In such cases, it is understandable that you may wish to reply in general terms.

1. Q.What heavy metals does the product contain, if any, and do they present a health hazard:

   A. Trace amounts of water in soluble lead, chromium, and nickel. These are not known to present a health hazard.

2. Q. Has the substance been tested for skin and eye irritation and what are the results of these studies? (Please indicate the species tested, and the Draize score obtained unless other testing methods were employed.)

   A. The substance has not been tested for skin and eye irritation. It should be considered as a nuisance dust.

3. Q. Has the substance ever caused skin sensitization or been tested for skin sensitization ability? Please summarize the results of tests on this subject.

   A. We have had no reports of skin sensitization. The substance has not been tested in this regard.

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4. Q. Does any evidence exist to suspect an adverse physiologic effect as a result of chronic exposure to this compound?

   A. There is evidence that chronic and extended exposure to levels above the allowable TLV may cause serious damage to the lungs.

5. Q. Is the material registered with the Food and Drug Administration, and if it is regulated by the Food Additive Amendment, which specific regulation (Code of Federal Regulations) controls its use?

   A. The material is registered by the FDA and can be used in materials in contact with food as follows:

      Paper and Paperboard - Letter of sanction dated Dec. 1963.

      Polyester Resins - Federal Register 1/11/66; 31 F.R. 290 § 121.2576

      Adhesives - Federal Register 2/27/68; 33 F.R. 3375 § 121.2520

6. Q. Has the hazard or toxicity of this substance been rated by any governmental, industrial, or trade group that routinely rates compounds? (Please define who promulgated the toxicity rating, the date of promulgation, and list available literature references.)

   A. The substance has been rated by the American Conference of Governmental Industrial Hygienists.

      Reference (available from the Secretary-Treasurer of the ACGIH

      Documentation of Threshhold Limit Values

      American Conference of Governmental Industrial Hygienists

      1014 Broadway

      Cincinnati, Ohio

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7. Q. Is the material hazardous as defined by the Bureau of Labor Statistics in 29 CFR Part 1501.2(s)*, and if so, please indicate which category(s) are involved.

   A. Yes, under category 2.

8. Q. What special precautions should be taken for disposing of used containers?

   A. Asbestos waste and scrap should be collected and disposed of in sealed bags or other containers. Burial or landfill suggested.

9. Name, Title, and company affiliation of individual providing information for Product Information Questionnaire.

H. B. Rhodes
NAME
Area Manager - Marketing & Technology
TITLE
Union Carbide Corporation
Mining & Metals Division
COMPANY

   A. Is your company the product manufacturer? Yes

   B. Is your company the product distributor? No

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*The Bureau of Labor Statistics in 29 CFR Part 1501.2(s) states; "...the term 'hazardous material' means a material which has one or more of the following characteristics: (1) has a flash point below 140°F, closed cup, or is subject to spontaneous heating; (2) has a threshold limit value below 500 ppm in the case of a gas or vapor, below 500 Mg/M^3 for fumes, and below 25 mppcf in case of a dust; (3) has a single dose oral LD_{50} below 500 mg/kg; (4) is subject to polymerization with the release of large amounts of energy; (5) is a strong oxidizing or reducing agent; (6) causes first-degree burns to skin in short time exposure, or is systemically toxic by skin contact; or (7) in the course of normal operations may produce dusts, gases, fumes, vapors, mists, or smoke which have one or more of the above characteristics." All new standards will be followed once promulgated by the U. S. Department of Labor.

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