FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor - Essentially Similar to Form OSHA-20)

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PLAINTIFF'S EXHIBIT USG-539

E OF PREP 12-1-72

Section I

NUFACTURER'S NAME INTERNATIONAL TALC CO. INC.

EET ADDRESS 420 Lexington Ave. CITY, STATE, AND ZIP CODE New York, N. Y. 10017

ERGENCY TELEPHONE NO. 212-532-8533

DUCT CLASS MAGNESIUM SILICATE - INDUSTRIAL / MANUFACTURERS CODE IDENTIFICATION TALC

DE NAME INTERNATIONAL TALCS

Section II — HAZARDOUS INGREDIENTS

REDIENT	PPM	PERCENT	TLV PPM	TLV mg/M³	LEL	VAPOR PRESSURE
ɔ	3.5					
ɔ less than	5.					
s less than	40.					
i less than	1.					
ɜ * less than	10.					
ʒ **	0.009					
ɜ *** less than	15.					

= less than detection limit
** = Atomic absorption spectroscopy
*** = Present, but less than 15 ppm

Section III — PHYSICAL DATA

LING RANGE
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VAPOR DENSITY ☐ HEAVIER ☐ LIGHTER THAN AIR

PORATION RATE ☐ FASTER ☐ SLOWER THAN ETHER

PERCENT VOLATILE BY VOLUME

WEIGHT PER GALLON

Section IV — FIRE AND EXPLOSION HAZARD DATA

CATEGORY non-flammable

FLASH POINT

LEL

INGUISHING MEDIA

JSUAL FIRE AND EXPLOSION HAZARDS

AC FIGHTING PROCEDURES

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Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE reference FEDERAL REGISTER 6-7-72 volume 37, No. 110 and 10-18-72 volume 37 No.202/TLV for talc 20 MPPCF and 4/6/73 volume 30No.

TLV for tremolite - 5 fibres/ML greater than 5 microns in length
Ceiling concentrate not to exceed 10 fibres/ML.
Talc present - 60 - 75%.
Tremolite present 20%- 35%.

EMERGENCY AND FIRST AID PROCEDURES N/A

Effects of overexposure -- may cause pulmonary complications by inhalation, either heavy inhalation or over an extended period of time.

Section VI — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE CONDITIONS TO AVOID

INCOMPATABILITY (Materials to avoid) None

HAZARDOUS DECOMPOSITION PRODUCTS N/A

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☐ WILL NOT OCCUR

CONDITIONS TO AVOID

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Vacuum clean spillage. If sweeping is necessary wet down spillage. Use approved respiratory equipment when required.

WASTE DISPOSAL METHOD

Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Follow Bureau of Mines approved respirator. See OSHA PART 1910 and 1910, 93a, 6-7-72

VENTILATION collect or contain dust to within TLV.

PROTECTIVE GLOVES N/A

EYE PROTECTION N/A

OTHER PROTECTIVE EQUIPMENT Use respiratory equipment per OSHA PART 1910 and 1910

Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Maintain good housekeeping practices. Vac clean spills.

OTHER PRECAUTIONS

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420 LEXINGTON AVE., NEW YORK, N.Y. 10017
Phone 212-532-8533 · Cable "FIJAMENTE"

TALC

International Talc Co., Inc.

July 26, 1973

Rec'd 7/27/73

Mr. C. C. Malmsten, Manager
Purchasing Research and Adminstration
United States Gypsum Company
101 S. Wacker Drive
Chicago, Ill. 60606

Dear Mr. Malmsten:

In response to your recent inquiry on talcs and tremolite, we include Material Safety Data Sheet on MOULDENE (Code 61940) and 3X (Code 62069). The Material Safety Data Sheet is accurate for these two products as their differences are realized through different milling procedures.

I would also like to use this opportunity to make the following observations: many industrial talcs contain a percentage of tremolite as a naturally-occurring constituient reflecting their geologic origins. International talcs contain 25 - 30% tremolite, depending on the grade. The percentage above 5 microns will also vary according to grade.

Tremolite has been included, we believe incorrectly, as an asbesti-form mineral by OSHA. Other talc producers, allied in an informal association, feel strongly that based on medical and mineralogical evidence, industrial talcs containing tremolite do not belong in an asbestos classification. The EPA has recognized this position as reflected in the 17 April NPCA NEWSLETTER. We hope OSHA will adopt a similar position.

Talc particles can occur in forms that meet the definition of a fiber - over 5 microns in length with a 3 to 1 length-width ratio. Conversely, tremolite, being very hard, breaks up in milling and often occurs in a non-fibrous form.

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These comments are included to show the complexity of a situation that has engendered many misconceptions.

We are working, along with other talc producers, to clarify this situation in a way which reflects the unique nature of industrial talc while insuring limits that safeguard employees.

Should you have further questions, we shall be pleased to attempt to answer them.

Yours very truly,

INTERNATIONAL TALC CO. INC.

P. F. McCarthy

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enc.

P. F. McCarthy
Executive Vice-President

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