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R. T. VANDERBILT COMPANY, INC.
Industrial Minerals and Chemicals
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* MATERIAL *
* SAFETY *
* DATA SHEET *

Customer Info:

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Date: 02/11/87 Revised: 08/04/86 Supersedes: 01/31/86

I. PRODUCT IDENTIFICATION G00051

Trade Name: NYTAL* 99, NYTAL 100, NYTAL 100 HR, NYTAL 200, NYTAL 300,
NYTAL 300 H, NYTAL 400, CERAMITALC* 10 AC, CERAMITALC HDT,
CERAMITALC NO. 1, CERAMITALC 10-A **TALC**

Chemical Name: Hydrous calcium magnesium silicate mineral mixture

Synonyms: Industrial talc, tremolitic talc

Hazardous Ingredients/OSHA: Talc (hydrous magnesium silicate),
CAS Reg. No. 14807-96-6

Hazard: Inhalation

Carcinogenic Ingredients/OSHA/NTP/IARC: None

II. WARNING STATEMENTS

Do not breathe dust. Prolonged inhalation of excessive dust
may cause lung injury

III. PHYSICAL AND CHEMICAL DATA

Appearance and Odor: White powder Vapor Pressure: N/A
Density, Mg/cu m: 2.85 Vapor Density: N/A
Solubility in Water: None Volatiles: None
Boiling Point: N/A Evaporation Rate: N/A

(* - Registered in U.S. Patent and Trademark Office)

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MSIS: NYTAL 99, NYTAL 100, NYTAL 100 HR, NYTAL 200, NYTAL 300,
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IV. FIRE PROTECTION

Nonflammable

V. REACTIVITY DATA

Non-reactive

VI. HEALTH HAZARD DATA

Exposure Limits:

OSHA - Talc (nonasbestiform)

PFL 20 mppcf

ACGIH - Talc (containing no asbestos fibers)

TLV 2 mg/cu m (resp.)

VII. PHYSIOLOGICAL EFFECTS SUMMARY

New York State talc has not shown any carcinogenicity in animal studies. Epidemiologic studies in humans have been interpreted in conflicting ways with no clear evidence of an increased risk of lung tumors in association with exposure.

Prolonged exposure to excessive quantities of industrial talc can result in scarring of the lungs (talcosis) or of the covering of the lungs (pleural thickening). Talcosis may produce no symptoms or may be associated with non-specific symptoms of cough or shortness of breath. Pleural thickening usually produces no symptoms. Both conditions can be detected by chest radiograph examination. Bronchial irritation (bronchitis) may cause excess sputum production.

Some literature references exist which suggest granuloma formation in open wounds. Reference exists for "cosmetic or pure" talc. To date no cases for this mineral mixture have been reported.

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VIII. PRECAUTIONS FOR SAFE HANDLING

Avoid breathing dust. Avoid contact with open skin wounds.

IX. PROTECTION AND CONTROL MEASURES

Use dust mask if PEL or TLV for airborne dust mixture is exceeded. See OSHA 29 CFR 1000.134

Wash skin after shift exposures.

X. EMERGENCY AND FIRST AID PROCEDURES

Not expected to be a problem. No special requirements.

XI. SPILL AND DISPOSAL PROCEDURES

Not a RCRA hazardous waste. Use vacuum to clean up spillage. Dispose of according to State or local regulations.

For Additional Information Contact:

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