MATERIAL SAFETY DATA

UNION CARBIDE CORPORATION
4625 ROYAL AVENUE • NIAGARA FALLS, NEW YORK 14302
TELEPHONE: (716) 285 – 3311 Ext. 6567

SHP. 1

8/2/68

075721 Inh. 72X

PLAINTIFF'S EXHIBIT

UC-4825

PRODUCT: Chrysotile Asbestos CHEMICAL FORMULA: $Mg_6 (OH)_8 Si_4 O_{10}$

TRADE NAMES: Calidria Asbestos

I. PHYSICAL DATA

BOILING POINT AND MELTING POINT: Not Pertinent

SPECIFIC GRAVITY (H_2O = 1): 2.45

VOLATILE CONTENT: Absorbed Water 1 - 4% By Weight. Structural Water Approximately 13% by Weight.

APPEARANCE: Pellets or Fine White Powder. No odor. Very Slight Solubility in Water.

II. HAZARDOUS INGREDIENTS

Not Applicable.

III. FIRE AND EXPLOSION HAZARD DATA

Material is not Combustible. No Fire or Explosion Hazard.

IV. REACTIVITY DATA

INERT MATERIAL: No Decomposition or Polymerization Conditions.

V. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: AIRBORNE CONCENTRATION

The 8-hour time-weighted average airborne concentration of asbestos dust to which employees are exposed shall not exceed 5 fibers per milliliter greater than 5 microns in length, as determined by the membrane filter method at 400-450X magnification (4 millimeter objective) phase contrast illumination. Concentrations above 5 fibers per milliliter but, not to exceed 10 fibers per milliliter, may be permitted up to a total of 15 minutes in an hour for up to 5 hours in an 8-hour day. (Per Emergency Standards of OSHA, Federal Register, Volume 36, December 7, 1971, Pages 23207–23208)

EFFECTS OF OVEREXPOSURE: Prolonged over exposure may result in lung damage.

EMERGENCY AND FIRST AID PROCEDURES: Not applicable. Material has no acute toxicity.

Dernehl DEPO. EXH. 8
3/16/89
KIRBY A. KENNEDY

Legal responsibility is assumed only for the fact that all studies reported here and all opinions are those of qualified experts.