MATERIAL SAFETY DATA

UNION CARBIDE CORPORATION
4625 ROYAL AVENUE • NIAGARA FALLS, NEW YORK 14302
TELEPHONE: (716) 285 – 3311 Ext. 0567

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.

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