



# MATERIAL SAFETY DATA SHEET

# MSDS015

## SECTION I-PRODUCTION IDENTIFICATION

### HTV VERMICULITE PRODUCTS

**MANUFACTURER:**

NEWTEX INDUSTRIES, INC.  
8050 Victor-Mendon Road  
Victor, New York 14564  
Tel: (585) 924-9135

## SECTION II - HAZARDOUS INGREDIENTS

The above products are considered "articles" according to OSHA hazard Communication Standard 29 CFR 1910.1200 and, as such, are exempt from the Material Safety Data Sheet provisions of 29 CFR 1910.1200(G)(6). As a service to the customer, Newtex Industries Inc. has prepared this Material Safety Data Sheet to provide appropriate safety and handling information. These products are considered non-hazardous when used according to accepted practices for the intended use.

| <u>AS MANUFACTURED:</u>                      | <u>WT. %</u> | <u>TLV/PEL</u>  |
|--|--------------|---|
| Continuous Fibrous Glass<br>CAS # 65997-17-3 | 94-96%       | None  |
| Total dust                                   |              | ACGIH TLV: 10 mg/m <sup>3</sup><br>OSHA PEL: 15 mg/m <sup>3</sup> |
| Respirable dust                              |              | ACGIH TLV: 3 mg/m <sup>3</sup><br>OSHA PEL: 5 mg/m <sup>3</sup>   |
| Proprietary Coating                          | 4-6%         | None  |

## SECTION III - PHYSICAL DATA

|                         |   |                                     |           |
|-------------------------|---|-------------------------------------|-----------|
| BOILING POINT:          | N/A   | SPECIFIC GRAVITY RANGE (H2O=1):     | 2.55      |
| MELTING POINT:          | N/A   | PERCENT VOLATILE BY VOLUME:         | N/A       |
| VAPOR PRESSURE (mm Hg): | N/A   | EVAPORATION RATE (Butyl Acetate=1): | N/A       |
| VAPOR DENSITY (Air=1):  | N/A   | SOLUBILITY IN WATER:                | Insoluble |
| APPEARANCE AND ODOR:    | Woven cloth with golden brown coating. No significant odor. |                                     |           |

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (METHOD USED): N/A  
FLAMMABLE LIMIT: LEL: N/A UEL: N/A  
UNUSUAL FIRE AND EXPLOSIVE HAZARDS: None  
SPECIAL FIRE FIGHTING PROCEDURES: None  
EXTINGUISHING MEDIA: Will not burn

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## SECTION V - HEALTH HAZARD DATA

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### ROUTES OF ENTRY:

Inhalation: No known effects associated with the inhalation of vapors from this material.  
Skin: Short contact with human skin is not likely to produce skin irritation. Repeated/prolonged contact can induce mild irritation. This product is not likely to be absorbed through human skin.  
Eyes: May cause a physical irritation to the eye.

CARCINOGENICITY: This product is not known as a carcinogen.

HEALTH HAZARD (Acute & Chronic): None known

SIGNS AND SYMPTOMS OF EXPOSURE: Minor skin irritation

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Experimental studies have shown that chemically exfoliated vermiculite induces a lung response which is similar to that of mica exposure. After repeated, prolonged exposure to excessive concentrations of mica dust, some mica workers have developed an accumulation of dust in the lungs which is observed only by chest x-ray and is not considered hazardous to workers' health.

### EMERGENCY FIRST AID PROCEDURES:

Skin - Wash any material off skin with soap and cool water. If redness, itching or burning sensation develops, seek medical attention.  
Eyes - Flush with water for at least 15 minutes. If irritation develops, seek medical attention.  
Ingestion - Not expected to occur.

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## SECTION VI - REACTIVITY DATA

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STABILITY: Stable  
CONDITIONS TO AVOID: None known  
INCOMPATIBILITY: None known

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: In a sustained fire, the organic binders will decompose releasing minor quantities of decomposition products believed to be insufficient to be harmful.

HAZARDOUS POLYMERIZATION: Will not occur

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## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Material is a solid.

Pick up big pieces and sweep up any scrapes.

WASTE DISPOSAL METHOD: Dispose of as any other innocuous material. Discarded product is not a hazardous waste under RCRA 40 CFR 261.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: For maximum comfort, avoid excessive contact with skin and use good personal hygiene.

OTHER PRECAUTIONS: If excessive dust is generated, use a respirator approved by MSHA or NIOSH for dust.

## SECTION VIII - CONTROL MEASURES

Respirator Protection (specify type): None required

VENTILATION:

LOCAL EXHAUST: Is not necessary. Use product in well ventilated areas.

SPECIAL: None

MECHANICAL: None

OTHER: None

PROTECTIVE GLOVES: Not required

EYE PROTECTION: As generally good practice, safety glasses can be worn.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required.

WORK HYGIENIC PRACTICES: Avoid excessive contact with skin. Wash thoroughly with soap and water after handling of the material.

## SECTION IX – OTHER INFORMATION

### HMIS AND NFPA HAZARD RATINGS

| <u>HMIS Rating</u>   |   | <u>NFPA Rating</u> |      |
|----------------------|---|--------------------|------|
| Health (acute):      | 1 | Health:            | 1    |
| Flammability:        | 0 | Flammability:      | 0    |
| Reactivity:          | 0 | Reactivity:        | 0    |
| Personal Protection: | * | Unusual Hazards:   | None |

\* Personal protective equipment requirements must be supplied by the user depending upon use.

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