



Material Safety Data Sheet FEBRUARY 17, 2009

SECTION I. MATERIAL IDENTIFICATION

Hi Temp Products of Western Canada Inc.
16810 - 129 Avenue, Edmonton, AB, T5V 1L2
Phone: (780) 424-1829, Fax: (780) 423-4717

Product Name: UN51, uncoated fiberglass material including products
UN51-39-24, UN51-61-24.

SECTION II. HAZARDOUS INGREDIENTS

Non-Hazardous Ingredient	Chemical Name	CAS No.	Wt. %
Fiberglass continuous filament	Fibrous glass	65997-17-3	98 - 100
Sizing	Sizing	None	0 - 2

SECTION III. PHYSICAL DATA

Material (At normal Condition)	Appearance and Odor
Solid	White/off-white colored, with no odor

SECTION IV. FIRE AND EXPLOSIVE

Special Fire Fighting Procedures
Non Flammable

SECTION V. REACTIVITY DATA

Stability	Conditions to Avoid	Hazardous Decomposition Products
Stable	N/A	None

SECTION VI. TOXICOLOGICAL PROPERTIES

EFFECTS OF OVEREXPOSURE

Acute Fiberglass continuous filament is a mechanical irritant. Breathing dust and fibers may cause short-term irritation of the mouth, nose and throat. Skin contact with dust and fibers may cause itching and short-term irritation. Eye contact with dust and fiber may cause short-term mechanical irritation. Ingestion may cause short-term mechanical irritation of the stomach and intestines.

Chronic There is no known health effects connected with long term use or contact with this product.

Medical Conditions Aggravated by Exposure

Long-term breathing or skin conditions that are aggravated by mechanical irritants may be at a Higher risk of worsening from the use or contact with this product.

FIBERGLASS CONTINUOUS FILAMENT

The International Agency for Research on Cancer (IARC) in June, 1987, categorized fiber glass continuous filament as not classified with respect to human carcinogenicity (Group 3). The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify fiberglass continuous filament as a possible, probable, or confirmed cancer-causing material.

SECTION VII. EXPOSURE CONTROL AND PREVENTATIVE MEASURES

INGREDIENT	OSHA PEL 8-hr TWA	ACGIH TLV 8-hr TWA
Fiber glass continuous filament	5 mg/m ³ (respirable dust) 15 mg/m ³ (total dust) 1 fiber/cc (proposed)	5 mg/m ³ 1 fiber/cc
Size	None established	None established

Ventilation: General dilution ventilation and/or local exhaust ventilation should be provided as necessary to maintain exposure below regulatory limits.

PERSONAL PROTECTION

Respiratory A properly fitted NOISH/MSHA approved disposable dust respirator such as 3M model 8210 (formally 8710) or model 9900 (in high humidity environments) or equivalent should be used when: high dust levels are encountered; the level of glass fibers in the air exceeds the OSHA permissible limits; or if irritation occurs. Use respiratory protection in accordance with your company's respiratory protection program, local regulations and OSHA regulations under 29 CFR 1910.134.

Skin: Loose fitting long sleeve shirt that covers to the base of the neck, long pants and gloves. Skin irritation is known to occur chiefly at pressure points such as around neck, wrist, waist and between fingers.

Eye: Safety glasses, goggles or face shield.

WORK AND HYGIENIC PRACTICES

Handle using good industrial hygiene and safety practices. Avoid unnecessary contact with dusts and fibers by using good local exhaust ventilation. Remove material from the skin and eyes after contact. Remove material from clothing using vacuum equipment (never use compressed air and always wash clothes separately from other clothing. Wipe out washer or sink to prevent loose fibers from getting on other clothing). Keep the work area clean of dusts and fibers made during fabrication by using vacuum equipment to clean up dust and fibers (avoid dry sweeping or using compressed air as these techniques re-suspend dusts and fibers in the air). Have access to safety showers and eye wash stations.

SECTION VIII. EMERGENCY AND FIRST AID PROCEDURES

- Inhalation Move person to fresh air. Seek medical attention if irritation persists.
- Eye Contact Wash with mild soap and running water. Use a washcloth to help remove fibers. To avoid more irritation, do not rub or scratch effected area. Rubbing or scratching may force fibers into skin. Seek medical attention if irritation persists.
- Ingestion Ingestion of this material is unlikely. If it does occur, watch the person for several days to make sure that intestinal blockage does not occur.