MATERIAL SAFETY DATA SHEET

Trade Name: **FIBER-TEK ACETONE**

Chemical Family: Acetone
Formula: C3 H6 0

Manufacturer: **ASHLAND**
P.O. Box 2219
Columbus, Ohio 43216
Philadelphia Pennsylvania, 19103-1699

Supplier: **COAST FIBER-TEK**
1306 Boundary Road
Burnaby, BC V5K 4T6

Emergency Phone #'s: (800) 274-5263 **Tel.# (604) 294-8116**
Transportation EMG. Phone # CANUTEC (613) 996-6666
(604) 930-0650

HAZARDOUS INGREDIENTS:

Acetone: <=100% CAS # 67-64-1

Exposure Limits:

LD50 Oral rat 5800 mg/kg; LD50: dermal rabbit 20000 mg/kg,
LC50 inhalation rat 16000 ppm

PHYSICAL DATA:

Appearance & Odour:	Clear colourless liquid, acetone-likefruity odor
Vapour Pressure:	246.6 hPa30.79692 kPa @ 20°C
Vapour Density:	(AIR 1) 2.0
Solubility in Water:	100%
Specific Gravity:	(Water = 1) 0.79
Boiling Point:	94.8°C @ 760mmHg 101.3232
Melting point:	-94.8°C
Evaporation rate:	14.4 (N-Butyl Acetate)
Density:	0.79 g/cm3+-,0.010.7865 g/cm3; 6.59 lb/gal @ 20°C

FIRE & EXPLOSION DATA:

Flashpoint & Method:	-20°C, Closed Cup
Flammable Limits:	LFL 2.6%(V), UFL 12.8%(V)
Extinguishing Methods:	Dry chemical, CO_2, alcohol resistant foam
Special Equipment & Procedures:	Self-contained breathing apparatus and complete protective clothing. Acetone is extremely flammable, Vapors may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge or other ignitions sources at locations near the material handing point. Vapour is extremely explosive.

REACTIVITY DATA:

Conditions Contributing to Instability:	Heat, sparks & open flame
Incompatible Substances:	Avoid contacts with acids, strong oxidizing agents, alkalis, reducing agents.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide
Hazardous Polymerization:	Will not occur.

HEALTH HAZARDS DATA:

NOTE: *Health studies have shown that exposure to chemicals pose potential risks which may vary from person to person. Exposure to liquids, vapours, mists or fumes should be minimized.*

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PRINCIPAL HEALTH HAZARDS:

Skin Contact: Contact will dry skin, mild skin irritation. Symptoms may include redness, burning, cracking of skin, and skin burns.

Eye Contact: Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

Ingestion: Swallowing small amounts during normal handling is not likely to cause harmful effects. Swallowing large amounts can be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

Inhalation: Breathing of vapour or mist is possible. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts can be harmful.

FIRST AID PROCEDURES:

Skin: Avoid direct contact with this chemical, wash with soap & water, seek medical attention if a rash persists. Launder clothing before reuse.

Eyes: Flush with warm water for 20 minutes while holding eyelids apart, obtain medical attention immediately.

Ingestion: Get medical attention immediately. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. Do not leave unattended.

Inhalation: Remove to fresh air, give artificial respiration if not breathing, get immediate medical attention.

PREVENTIVE MEASURES:

Skin: Always apply appropriate barrier cream to exposed skin. Wear impervious gloves (butyl rubber), coveralls and safety footwear.

Eyes: Chemical proof goggles or full face respirator if vapours cause eye irritation.

Ingestion: Wash thoroughly before consuming food stuffs.

Inhalation: Use only in well ventilated areas or use NIOSH or CSA approved respiratory protection with organic vapour cartridges.

CONTROL MEASURES & PRECAUTIONS

Keep container tightly closed. Do not consume food, drink or tobacco in work area or material storage areas. Use caution and personal cleanliness to avoid skin and eye contact. Avoid breathing vapours of heated materials. Use paper covering absorbent wipes and suitable disposable containers in work area.

SPILL, LEAK & DISPOSAL METHODS

Review fire and explosion hazards and safety precautions before proceeding with clean up. Restrict access to area. Contain spill to prevent liquid from entering sewers or waterways. Recover free liquid and use an absorbent material (i.e. sand, vermiculite) to soak up balance. Place in suitable container for disposal.

DISPOSAL METHOD

Dispose only in a facility permitted to dispose of hazardous waste by Federal, Provincial and Municipal regulations.

SHIPPING INFORMATION

Shipping Name:	Acetone
Hazard Class:	3
UN/PIN #:	1090 II
Flashpoint:	-20^{o}C
WHMIS:	B2, D2B

The information contained herein is based on data that we believe to be accurate. No warranty either expressed or implied is made. This information is offered solely for your consideration interpretation and information.

Preparation Date: January 22, 1993
Prepared by: Nigel Poore, 1306 Boundary Road, Burnaby, BC V5K 4T6
Telephone #: (604) 294-8116
Revised Date: January 9, 2007

N/A = Not Available