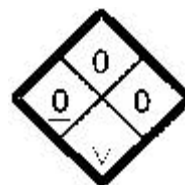




PRODUCT DATA SHEET

Material Safety Data Sheet Innova Technologies, Inc.

Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	e



HMIS Rating

NFPA Rating

Section I - Chemical Product and Company Identification

Trade Name: Temperlite™ Adhesive

Generic Name: Lagging Adhesive and Insulation Coating

MSDS Number: 1002

Revision Number: 1

Date Issued: October 22, 1998

Distributor: Knauf Fiber Glass GmbH

Address: One Knauf Drive
Shelbyville, IN, USA

Product Stewardship Support Line: 317-398-4434, X8102

24 hr Emergency (Chemtrec) Phone: 800-424-9300

Section II - Composition/Information on Ingredients

Chemical Name	CAS Number	%	TLV	PEL
Methyl Alcohol	67-56-1	2.7	200 ppm	200
Ammonium Hydroxide (28%)	1336-21-6	0.06	10 mg/m ³	10 r

Key: TLV=ACGIH, 8 hr. time weighted average (TWA); PEL=OSHA permissible exp
TLV and PEL limits are for respirable dust.

Section III - Hazards Identification

Emergency Overview: There are no significant health hazards associated with exposure to this product. Avoid contact with skin and eyes. May cause irritation of the upper respiratory tract, eyes and skin. Fatigue, weakness, dizziness, headache and drowsiness may occur with prolonged contact. May also result in reddening, tearing (watering), itching of the eyes, and soreness in the nose and throat.

HMIS Rating: Health: 1* Fire: 0 Reactivity: 0 Other: 0

WHMIS Class: D-2A - Material causing other toxic effects (TOXIC - Chronic)

Primary Routes of Entry: Eye contact and inhalation.

Primary Target Organs: Lungs, kidneys, respiratory system and eyes.

Potential Health Effects:

Inhalation: May cause irritation of the upper respiratory tract during prolonged exposure.

Skin Contact: Possible dryness or irritation resulting from long term exposures to the product.

Eye Contact: A mechanical irritant which can cause moderate to severe eye irritation.

Ingestion: Potentially a mild irritant to the GI tract if excessive quantity is ingested.

Medical Conditions Aggravated by Exposure: Pre-existing chronic upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma.

Carcinogenicity: This product is not classified as a carcinogen by NTP, IARC or OSHA.

Section IV - First Aid Measures

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention, if conditions persist.

Eye Contact: Flush with large amounts of water until irritation subsides, at least 15 minutes. See a physician if irritation persists.

Skin Contact: Use normal good personal hygiene practices. Wash with mild soap and warm water after each exposure.

Ingestion: DO NOT induce vomiting. Seek immediate medical attention, if conditions persist.

Section V - Firefighting Measures

NFPA Rating: Health: 0 Fire: 0 Reactivity: 0 Other: 0

Flashpoint and Method: This is a non-flammable product **LEL:** N/Ap
UEL: N/Ap

Extinguishing Method: None needed in liquid state. In dry state use water, foam, carbon dioxide, or dry chemical.

Special Firefighting Procedures: None, however, firefighters should always use self contained breathing apparatus as nitrogen oxides and carbon monoxides may be involved.

Fire or Explosion Hazards: Not applicable.

Section VI - Accidental Release Measures

Clean-up Procedures: Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container.

Personal Precautions: Be sure to use a MSHA approved respirator or equivalent, where exposure limits are exceeded. Wear chemical protective clothing appropriate for the situation to prevent exposure to liquid, fume, and/or vapor.

Environmental Precautions: None normally required.

Section VII - Handling and Storage

Storage Requirements: Store in cool, dry area. Always segregate

materials by major hazard class.

Special Sensitivity or Incompatibility: Avoid contact with strong acids.

Handling Precautions: Store in a cool (40-80 degrees F), dry, well ventilated area. DO NOT ingest. Avoid breathing fumes or vapors. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or label. Avoid contact with skin and eyes. Keep away from incompatible materials.

Section VIII - Exposure Control/Personal Protection

Respiratory Protection: Be sure to use a MSHA approved respirator or equivalent. Wear chemical protective clothing appropriate for the situation to prevent exposure to liquid, fumes, and/or vapor.

Eye Protection: Wear safety glasses with side shields or goggles to protect eyes against possible irritation.

Skin Protection: Under normal conditions the wearing of protective gloves and clean, body-covering clothing should be adequate.

Engineering Controls: Maintain sufficient mechanical or natural ventilation to assure airborne concentrations remain below PEL/TLV. Use local exhaust if necessary.

Section IX - Physical and Chemical Properties

Physical Form: White, with slight ammonia odor.

Freezing Point: 0° C

Specific Gravity: 1.28

Solubility in Water: Soluble

Evaporation Rate: <1

Section X - Reactivity

Stability: Product is stable under normal conditions.

Hazardous Polymerization: Cannot occur.

Incompatibilities: May be incompatible with materials that are water reactive.

Decomposition Products: Carbon monoxide, carbon dioxide, ammonia, nitrogen oxides.

Conditions to Avoid: None in designed use.

Section XI - Toxicological/Ecological Information

LD₅₀: N/Av **LC₅₀:** N/Av

Toxicological Hazards: No toxicological studies of this specific product have been performed.

Ecological Hazards: None known.

Teratogenicity, Mutagenicity, other Reproductive Effects: None known.

Section XII - Disposal Considerations

Waste Disposal Method: May be disposed in an approved landfill unless contaminated in service. If contaminated with hazardous materials, place waste in suitable container. Seal and properly label the waste container. Send the container to an approved Transportation, Storage and Disposal (TSD) facility via an approved waste hauler. Be sure manifests have been completed and an adequate "paper trail" has been established.

Section XIII - Transportation Information

US DOT Shipping Name: Not regulated **DOT Label:** None
UN/NA Number: None

Canadian TGD Shipping Description: Not regulated as dangerous goods according to Canadian TDGA.

International Dangerous Goods Information:

IMO: Not regulated as dangerous goods according to the IMDG Code.

ICAO: Not regulated as dangerous goods according to the ICAO Technical Instructions.

Section XIV - Regulatory Information

OSHA Status: This product is considered hazardous under OSHA criteria.

TSCA/CEPA Status: All components of this product are included in the TSCA and CEPA Chemical Inventories.

CERCLA Reportable Quantity: N/Ap

SARA Title III:

Section 302 Extremely Hazardous: This product contains no extremely hazardous substances as defined and listed in section #302.

Section 311/312 Hazard Categories: Reportable as a hazardous substance. Check with your Local Emergency Planning Committee for reportable quantities.

Section 313 Toxic Chemicals: This product contains the following substances which are reportable under Section 313.

Ingredient	CAS Number	De Minimus
Methyl alcohol	67-56-1	1%
Ammonium hydroxide	1336-21-6	1%

WHMIS Information: WHMIS Classification: D-2B - Material causing other toxic effects (TOXIC - Chronic). This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR).

Other Regulatory Classifications:**DSCL (EEC):**

R36 - Irritating to eyes

R37/38 - Irritating to the respiratory system and skin.

Section XV - Approvals

Reason for Issue: Revised format

Prepared by: CCG, Inc.

Approval Date: October 22, 1998

Supersedes Date: October 21, 1998

Section XVI - Disclaimer

As of the date of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state laws. However, no warranty or representation of law or fact, with respect to such information, is intended or given.

