



MATERIAL SAFETY DATA SHEET

Effective Date: 03/31/01

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: CELdek, CELdek with Mi-T-edg, Mi-T-Cool, Mi-T-edg

Description: Cellulose paper impregnated with insoluble anti-rot salts and rigidifying saturants.

Manufacturer Name and Address:
Munters Corporation
 108 Sixth Street Southeast
 Fort Myers, Florida 33907

MSDS Prepared by:
Dell Tech Laboratories Ltd.
 UWO Research Park
 100 Collip Circle
 London, Ontario N6G 4X8
 (519) 858-5021

Emergency Phone: (239) 936-1555

SECTION II - INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>OSHA-PEL</u>	<u>LC₅₀</u>	<u>LD₅₀</u>
Copper, elemental	7440-50-8	<0.1	1 mg/m ³ TWA	1 mg/m ³ TWA	Not available	1.2 mg/kg oral, rat
Phenol	108-95-2	<0.1	5 ppm Skin	5 ppm Skin	316 mg/m ³ 4 h, rat	317 mg/kg oral, rat
Formaldehyde	50-00-0	<0.1	0.3 ppm Ceiling	0.75 ppm TWA	590 ppm 4 h, rat	800 mg/kg oral, rat
Acrylic monomer	Not available	0.1	Not available	Not available	Not available	Not available

SECTION III - PHYSICAL DATA

Boiling Point (deg C): Not applicable	Specific Gravity: >1.0
Vapour Pressure (mm Hg): Not applicable	Percent Volatile (Wt %): Not applicable
Vapour Density (Air = 1): Not applicable	Evaporation Rate (Water = 1): Not applicable
Solubility in Water: Not applicable	pH (as supplied): Not applicable
Physical State: Solid	Viscosity: Not applicable
Appearance; Odour: Tan Kraft paper and rubber; odourless	Odour Threshold (ppm): Not available

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Edge coating not flammable according to WHMIS criteria (no self-sustained flame). Corrugated paper not flammable according to WHMIS criteria (ignites at a rate of 0.13 cm/s under laboratory conditions). Will sustain combustion in the presence of an external source of ignition.

Flash Point of Liquid (°C, TCC): None **LEL:** Not applicable **UEL:** Not applicable

Hazardous Combustion Products: May include and are not limited to oxides of carbon, oxides of nitrogen, organic acids, aldehydes, hydrogen chloride.

Means of Extinction: Water spray, carbon dioxide.

Special Fire Hazards: Firefighters should wear self-contained breathing apparatus. Avoid breathing smoke.

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: Stable.

Incompatible Materials: None known to Munters Corporation at this time.

Hazardous Decomposition Products: May include and are not limited to oxides of carbon, oxides of nitrogen, organic acids, aldehydes, hydrogen chloride when heated to decomposition.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Skin contact, Inhalation

Effects of Acute Exposure:

Inhalation: Nuisance dust may be created when sawing.

Effects of Chronic Exposure:

None known to Munters Corporation at this time.

Irritancy: Non hazardous by WHMIS criteria.

Respiratory Tract Sensitization: No data available.

Carcinogenicity: Non hazardous by WHMIS criteria.

Teratogenicity, Reproduction, Mutagenicity: No data available.

Synergistic Materials: Not available.

SECTION VII - PREVENTATIVE MEASURES

Gloves: Not normally required.

Eye Protection: Safety glasses recommended to avoid possible contact with eyes when sawing.

Respiratory Protection: Not normally required. Dust mask recommended when sawing.

Other Protective Equipment: As required by employer code.

Engineering Controls: General ventilation normally adequate.

Leak and Spill Procedure: Special precautions not required.

Waste Disposal: Review federal, provincial/state and local government requirements prior to disposal.

Storage and Handling Requirements: Keep away from open flame.

SECTION VIII - FIRST AID

Eye Contact (dust): Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin Contact (dust): Flush with water. Wash with soap and water. If irritation persists obtain medical attention.

Inhalation: Not a normal route of exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Not a normal route of exposure. Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

SECTION IX - REGULATORY INFORMATION

Occupational Health and Safety Regulations:

WHMIS Class: Not a controlled product under WHMIS (Manufactured article).

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

Environmental Regulatory Lists:

SARA - Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 - Exempt from reporting any component.

Toxic Substances Control Act (TSCA) - All the ingredients are listed on the Chemical Substance Inventory.

Canadian Domestic Substance List (DSL) - Exempt from the requirements of The New Substance Notification Regulation of the Canadian Environmental Protection Act.

T.D.G./D.O.T. Classification: Not regulated

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8446) or CSST in Montreal, Quebec (514-873-3990).



MATERIAL SAFETY DATA SHEET

Effective Date: 03/31/01

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: GLASdek, GLASdek with TUFedg

Description: Glass fibres impregnated with insoluble rigidifying saturants.

Manufacturer Name and Address:

Munters Corporation
108 Sixth Street Southeast
Fort Myers, Florida 33907

MSDS Prepared by:

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UWO Research Park
100 Collip Circle
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<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>OSHA-PEL</u>	<u>LC₅₀</u>	<u>LD₅₀</u>
Acrylic polymer	Not available	7 - 13	Not available	Not available	Not available	Not available
Formaldehyde	50-00-0	<0.1	0.3 ppm C	0.75 ppm TWA	590 mg/m ³ 4 h, rat	800 mg/kg oral, rat
Fibrous glass	65997-17-3	40 - 70	10 mg/m ³ TWA	5 mg/m ³ TWA	Not available	Not available

SECTION III - PHYSICAL DATA

Boiling Point (deg C): Not applicable
Vapour Pressure (mm Hg): Not applicable
Vapour Density (Air = 1): Not applicable
Solubility in Water: Not applicable
Physical State: Solid
Appearance; Odour: Brown fibrous glass matt; odourless

Specific Gravity: >1.0
Percent Volatile (Wt %): Not applicable
Evaporation Rate (Water = 1): Not applicable
pH (as supplied): Not applicable
Viscosity: Not applicable
Odour Threshold (ppm): Not available

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable according to WHMIS criteria.
Flash Point of Liquid (deg C, TCC): None
LEL: Not applicable
UEL: Not applicable
Hazardous Combustion Products: May include and are not limited to oxides of carbon, oxides of nitrogen.
Means of Extinction: Water spray, carbon dioxide.
Special Fire Hazards: Firefighters should wear self-contained breathing apparatus.

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: Stable.
Incompatible Materials: None known to Munters Corporation at this time.
Hazardous Decomposition Products: May include and are not limited to oxides of carbon, oxides of nitrogen when heated to decomposition.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Skin Contact, Inhalation.

Effects of Acute Exposure:

Inhalation: Nuisance dust may be created when sawing.

Effects of Chronic Exposure:

Skin: Reversible mild dermatitis may occur.

Irritancy: May cause irritation.

Respiratory Tract Sensitization: No data available.

Carcinogenicity: Non hazardous by WHMIS criteria.

Teratogenicity, Reproductive Effects, Mutagenicity: No data available.

Synergistic Materials: Not available.

SECTION VII - PREVENTATIVE MEASURES

Gloves: As needed to protect from abrasion.

Eye Protection: Safety glasses recommended to avoid possible contact with eyes when sawing.

Respiratory Protection: Dust mask and local ventilation recommended when sawing.

Other Protective Equipment: As required by employer code.

Engineering Controls: General ventilation normally adequate.

Leak and Spill Procedure: Special precautions not required.

Waste Disposal: Review federal, provincial/state and local government requirements prior to disposal.

Storage and Handling Requirements: No special requirements.

SECTION VIII - FIRST AID

Eye Contact (dust): Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin Contact (dust): Flush with water. Wash with soap and water. If irritation persists obtain medical attention.

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Not a normal route of exposure. Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

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T.D.G./D.O.T. Classification: Not regulated under DOT or TDG

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