

MATERIAL SAFETY DATA SHEET AH 27520

Sheet 116

Conforms to 29 CFR 1910.1200 (OSHA HAZARD COMMUNICATION STANDARD) AH 052756

SCHILLING PAPER COMPANY
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PRODUCT NAME: LIQUID ICE MELT

EMERGENCY TELEPHONE NUMBERS: (608) 781-8100 CHEMTREC (800) 424-9300

SECTION I - PRODUCT IDENTIFICATION

Trade Names and Synonyms:
LIQUID ICE MELT
Chemical Name/Synonyms:
N/A
Chemical Family:
DE-ICING FORMULA
Formula: MIXTURE

NFPA HAZARD IDENTIFICATION SYSTEM

HAZARD RATING		
HEALTH	1	4 - Extreme
FLAMMABILITY	2	3 - High
REACTIVITY	0	2 - Moderate
		1 - Slight
		0 - Insignificant

SECTION II - HAZARDOUS INGREDIENTS

Substance	Approx. %	OSHA PEL	ACGIH TLV	CARCINOGENICITY			CAS No.
				NPT	IARC	OSHA	
Ethylene Glycol	35.00	50 ppm	50 ppm	N	N	N	107-21-1
Methanol	20.00	200 ppm	200 ppm	N	N	N	67-56-1

SECTION III - PHYSICAL DATA

Boiling Point (°F): 250
Vapor Pressure (mm Hg): NOT DET.
Vapor Density (air = 1): NOT DET.
Solubility in water: SOLUBLE
Appearance and Odor: CLEAR, WATER WHITE LIQUID, GLYCOL ODOR.

Specific Gravity: 0.99
% Volatile (volume %): > 15.0
Evaporation Rate (ether = 1) > 1.0
pH: N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F): 63
(test method): CLOSED CUP
Extinguishing Media: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Special Fire Fighting Procedure: FIREFIGHTERS SHOULD USE FULL PROTECTIVE GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER FOG.
Unusual Fire and Explosion Hazard: NONE

Flammable Limits in air (volume %)
Upper: 7.5 Lower: 1.0

SECTION V - REACTIVITY DATA

Stability: STABLE
Incompatibility: NONE
Hazardous Decomposition Products: THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON.
Hazardous Polymerization: WILL NOT OCCUR

Conditions to Avoid: NONE
Conditions to Avoid: NONE

SECTION VI - HEALTH HAZARD DATA

Threshold Limit Value (TLV): NOT ESTABLISHED

Primary Route(s) of Exposure: EYE CONTACT, INGESTION

Effects of Overexposure: EYES: SLIGHT IRRITATION, REDNESS, TEARING. INGESTION: GASTROINTESTINAL IRRITATION, DIZZINESS, CNS DEPRESSION. INHALATION: RESPIRATORY TRACT IRRITATION, NAUSEA, VOMITING, HEADACHE AND DIZZINESS.

Emergency and First Aid Procedures: EYES: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION. INGESTION: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. GIVE PERSON SEVERAL GLASSES OF WATER AND INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: REMOVE PERSON TO FRESH AIR.

SECTION VII - SPILL OR LEAK PROTECTION

Steps to be taken if Material is Released or Spilled: VENTILATE AREA AND REMOVE ALL SOURCE OF IGNITION. SOAK UP ON INERT ABSORBENT MATERIAL. PLACE IN A SEALED CONTAINER FOR DISPOSAL.

Waste Disposal Method: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: USE WITH ADEQUATE VENTILATION

Ventilation: Local Exhaust: NOT REQUIRED

Mechanical: NOT REQUIRED

Protective Gloves: RUBBER OR VINYL GLOVES

Eye Protection: CHEMICAL GOGGLES

Other Protective Equipment: EMERGENCY SHOWER AND EYE WASH STATION

SECTION X - SPECIAL PROTECTION

Precautions to be Taken in Handling or Storage: STORE IN A COOL, DRY PLACE, AWAY FROM ACIDS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions: KEEP OUT OF REACH OF CHILDREN

SECTION X - REGULATORY INFORMATION

DOT Proper Shipping Name: METHANOL SOLUTION

DOT Class: 3

DOT ID Number: UN1230

DOT Packing Group: II

SARA/TITLE III - CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 304.4): This product does contain an ingredient(s) listed as a hazardous ingredient for Emergency Release Notification under section 304: Ethylene Glycol (CAS No. 107-21-1); Methanol (CAS No. 67-56-1).

SARA/TITLE III - List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 300 & 305): This product does not contain an ingredient(s) listed as an extremely hazardous substance (EHS) for Emergency Planning under sections 301-303 and for Emergency Release Notification under section 304.

SARA/TITLE III - List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372): This product does contain an ingredient(s) listed as a toxic chemical for Annual Release Reporting Requirements under section 313: Ethylene Glycol (CAS No. 107-21-1); Methanol (CAS No. 67-56-1).

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