Lhoist North America
Lhoist Group

MATERIAL SAFETY DATA SHEET

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I. PRODUCT IDENTIFICATION

PRODUCT: Spinks 105
CHEMICAL FAMILY: Polymer
EMERGENCY TELEPHONE NUMBER: Spinks (731) 642-5414
Revision Date: 01/05/2011

II. HAZARDOUS INGREDIENTS

COMPONENT	CAS#	PERCENT	ACGIH-TLV	OSHA-PEL
Acrylic polymers	Not Hazardous	42-43%	None	None
Water	7732-18-5	57-58%	None	None
Residual monomers	Not required	<0.1	Not required	Not required

III. HEALTH HAZARD DATA

Hazard Rating

Health	Flammability	Reactivity
1	0	0

PRIMARY ROUTES OF EXPOSURE: Skin contact, Eye Contact, Inhalation

ROUTES OF ENTRY	HEALTH EFFECTS
EYES:	Contact may cause irritation and temporary discomfort.
INHALATION:	Inhalation of high solvent vapor or mist concentrations can cause headache, nausea, and irritation of nose, throat and lungs.
INGESTION:	No information available.
SKIN:	Constant contact may cause irritation.

CARCINOGENICITY INFORMATION:
OSHA REGULATED: No NTP LISTED: Yes IARC LISTED: Yes

IV. FIRST AID AND EMERGENCY PROCEDURES

INHALATION: Move away from exposure into fresh air conditions. If breathing difficulties continue consult a physician.
EYE CONTACT: Flush with water for approximately 15 minutes. Consult a physician if irritation persists.
IF SWALLOWED: Give 2 glasses of water to drink. Consult a physician for ingestion of large quantities. Never give an unconscious person anything by mouth.
SKIN CONTACT: Wash affected areas thoroughly with soap and water. Consult a physician if irritation persists.

V. PHYSICAL AND CHEMICAL CHARACTERISTICS

APPEARANCE:	Clear yellow liquid	PH:	6.5 – 7.5
ODOR:	Mild	VISCOSITY:	200-800 CPS
BOILING POINT:	100 ° C /212 °. F water	VAPOR PRESSURE:	17 mm Hg @ 20° C/68 °. F water
MELTING POINT:	0 ° C / 32 ° F water	VAPOR DENSITY:	0.62 water
SPECIFIC GRAVITY:	1.33	EVAPORATION RATE:	<1 water
SOLUBILITY IN WATER:	Completely soluble	PERCENT VOLATILITY:	57-58 water

VI. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Non-Combustible
EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.
FLAMMABLE LIMITS: NA
UNUSUAL FIRE AND EXPLOSION HAZARDS: Material can splatter at temperatures above 100 ° C /212 °· F water
Polymer film can burn.

VII. REACTIVITY DATA

STABILITY: Consider stable. However avoid temperatures above 177 ° C / 350 ° F, the onset of polymer decomposition.
HAZARDOUS DECOMPOSITION: Thermal decomposition may yield acrylic monomers.
HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITIES: None Known

VIII. SPILL, LEAK AND DISPOSAL INFORMATION

SPILL AND LEAK RESPONSE: Keep spectators away. Floor may be slippery; use caution to avoid falling. Contain spills Immediately with inert materials such as sand or earth. Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.
CAUTION! Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.
WASTE DISPOSAL: Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.. This material us bit classified as a hazardous waste.

IX. PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required if airborne concentrations are maintained below recommended exposure limits.
EYE PROTECTION: Use chemical splash goggles (ANSI Z87.1 or approved equivalent).
HAND PROTECTION: Neoprene gloves may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection.

X. STORAGE AND HANDLING INFORMATION

STORAGE:

Keep from freezing, material stability may be affected. The minimum recommended storage temperature for this material is 1 °· C/ 34°· F. The maximum recommended storage temperature is 49 ° C /120 °· F.

HANDLING:

Monomer vapors can be evolved when material is heated during processing operations. Use local exhaust ventilation at the point of vapor evolution.

Facilities storing or using the material should be equipped with an eyewash station.

XI. SPECIAL REGULATORY INFORMATION

WORKPLACE CLASSIFICATION:

This product as supplied is considered non-hazardous under the OSHA Hazard Communication Standard (29 CPR 1910.1200) and is not a controlled product under the Canadian Workplace Hazardous Materials Information System (WHMIS).

SARA TITLE III: Section 311/312 (40CFR 370)

This product is not a hazardous chemical; therefore it is not covered under this section.

SARA TITLE III: Section 313 (40 CFR 372)

This product does not contain a chemical which is listed in Section 313 at or above de minimus concentrations

CERCLA (40 CFR 302.4)

Releases of this material to air; land, or water are not considered reportable to local, state, or federal authorities.

DOT CLASSIFICATION

This product is not regulated by the DOT.

To the best of our knowledge the information contained herein is accurate. However there is no warranty of any kind expressed or implied, as to the completeness or accuracy thereof. Final determination of the suitability of this information for a particular use of this product is the sole responsibility of the user.