



KENNEY & ROSS LIMITED

R.R. # 3 SHELBURNE, NOVA SCOTIA CANADA B0T 1W0
PHONE: (902) 637-2616 FAX: (902) 637-2511

MATERIAL SAFETY DATA SHEET

High Tack Fish Glue

For information or emergency: Telephone 902-637-2616

Date prepared March 17, 2015

I. PRODUCT INFORMATION

TRADE NAME: High Tack Fish Glue

SYNONYMS: Fish Glue; Lepage's Original Glue

PRODUCT USE: Adhesive

CAS NUMBER: 9000-70-8

CHEMICAL NAME: Gelatin

EINECS #: 232-554-6

Abbreviations used in this form: NA = Not Applicable; NAv = Not Available

II. HAZARDOUS COMPONENTS

COMPONENTS	CAS#	OSHA PEL	ACGIH TLV	Other Limits Recommended
Phenol <1%	108-95-2	5ppm	5ppm	19mg/m(3)

III. COMPOSITION

COMPONENTS	CAS#
Gelatin 43-45%	9000-70-8
Water 56-54%	7732-18-5
Phenol (0.9%)	108-95-2
Methyl paraben 0.2%	99-76-3
Propyl paraben 0.15%	94-13-3
Titanium dioxide 0.07%	13463-67-7
Sassafras oil 0.01%	8006-80-2

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IV. FIRST AID MEASURES

SPECIFIC MEASURES:

EYE CONTACT: If the material gets in the eyes, immediately wash eyes with copious amounts of water, occasionally lifting the lower and upper eyelids. Continue for 15 minutes. Seek medical attention. Use same procedure if contact is with a solution of gelatin and water.

SKIN CONTACT: Wash with soap and water.

INGESTION: Induce vomiting.

INHALATION: Remove to fresh air.

V. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water spray, foam, dry chemical or carbon dioxide

FLASH POINT: NA

FLAMMABILITY: None

UPPER FLAMMABLE LIMIT (% by Volume): NA

LOWER FLAMMABLE LIMIT (% by Volume): NA

AUTO IGNITION TEMPERATURE (°C): NA

HAZARDOUS COMBUSTION PRODUCTS: None

EXPLOSION DATA: Sensitivity to Impact: None

NFPA RATING: Health 1; Flammability 0; Instability 0

VI. ACCIDENTAL RELEASE MEASURES

GENERAL INFORMATION: Use proper personnel protective equipment as indicated in Section 8

SPILLS OR LEAKS: Sop up material with water and absorbents and place in a suitable disposal container. Clean up spills immediately observing precautions in Section 8.

VII. HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with skin and eyes. Avoid ingestion.

STORAGE: Store in a cool, location. Dilution with water reduces the effectiveness of the preservatives.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

GELATIN: ACGIH – None listed; NIOSH – None listed; OSHA PELs – None listed

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SPECIFIC MEASURES: Facilities storing or using this material should be equipped with an eyewash facility.

ENGINEERING CONTROLS: Use local or mechanical exhaust if required.

EYE CONTACT: If the material gets in the eyes, immediately wash eyes with copious amounts of water, occasionally lifting the lower and upper eyelids. Continue for 15 minutes. Seek medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Induce vomiting.

INHALATION: Remove to fresh air.

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: Wear appropriate protective gloves

RESPIRATOR: May be needed under certain conditions.

EYE: Wear appropriate safety glasses.

OTHER PROTECTIVE CLOTHING: Follow normal safe work practices when dealing with chemicals.

IX. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Viscous liquid

COLOR: Coffee with cream color

ODOR: Slight saffras odor

10% SOLUTION pH: 4.0 – 6.0

BOILING POINT (°C): NA_v

SPECIFIC GRAVITY (H₂O=1): 1.17

VAPOR PRESSURE (mm Hg): NA_v

VAPOR DENSITY (AIR=1): NA_v

EVAPORATION RATE: NA_v

PERCENT MOISTURE: ca 54%

ODOR THRESHOLD (ppm): NA_v

FREEZING POINT: 5-10°C

SOLUBILITY IN WATER: Very

X. STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY: Stable under normal temperatures and pressure

CONDITIONS TO AVOID: None;



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HAZARDOUS DECOMPOSITION PRODUCTS: None.

INCOMPATIBILITY: Crosslinking can occur in solution with glyoxal, aldehydes or trivalent ions.

HAZARDOUS POLYMERIZATION: Has not been reported

XI. TOXICOLOGICAL INFORMATION

LD50/LC50: Not Available.

CARCINOGENICITY: Not listed as a carcinogen by ACGIH, IARD, NTP or CA Prop 65.

XII. ECOLOGICAL INFORMATION

OTHER: No relevant studies identified.

XIII. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state and local regulations.

XIV. TRANSPORT INFORMATION

Not regulated for transport under USDOT, EUADR, IATA OR IMDG Regulations

XV. REGULATORY INFORMATION

SARA Act of 1986 – USA Section 302/304; Section 313: Not listed

TOXIC SUBSTANCE CONTROL ACT (TSCA) USA: Listed

DOMESTIC SUBSTANCES LIST (DSL) –CANADA: Listed

WHMIS – CANADA: Not controlled

EU INDICATION OF DANGER: Not classified

XVI. PREPARATION DATE OF MSDS

PREPARED BY: Material Safety Department

TELEPHONE: 902-637-2616

EMERGENCY TELEPHONE: 902-637-2616

DATE: March 17, 2015,

SUPERSEDES: July 15, 2014

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applicable to safety, occupational health, right to know and environmental protection.