

**NORLAND PRODUCTS INCORPORATED**

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SAFETY DATA SHEET Version 1.1

Revision Date January 27, 2018

HIGH TACK FISH GLUE

For information or emergency: Telephone +1 609-395-1966 (EST)

I. IDENTIFICATION of the SUBSTANCE and COMPANY

1.1 PRODUCT IDENTIFIER:

SUBSTANCE NAME: HIGH TACK FISH GLUE PRODUCT

NOs:FG-04; FG-05; FG-06; FG-07

CAS NUMBER: 9000-70-8 EC

NUMBER: 232-554-6

REACH REGISTRATION NUMBER: Exempt

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE AND USES ADVISED AGAINST:

IDENTIFIED USES: Adhesive and technical applications.

ADVISED AGAINST: None known

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

COMPANY Norland Products Inc.

SDS@norlandproducts.com

2540 Route 130, Ste

100

Cranbury, NJ 08512

USA

1.4 EMERGENCY TELEPHONE NUMBER +1 609-395-1966

Available during the following office hours: 8:30 to 16:30 EST (English only)

II. HAZARDOUS COMPONENTS

2.1 CLASSIFICATION OF THE SUBSTANCE

2.1.1 Classification according to Reg (EC) No 1272/2008 (CLP): Acute tox. 4, H303 May be harmful if swallowed.

2.1.2 Other Information:

GHS P280 Wear protective gloves/protective clothing/eye protection/ face protection.

GHS P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

GHS P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin/hair with water/shower.

GHS P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.2 LABEL ELEMENTS: Labeled according to Section 2.1.1.



Warning

2.3 OTHER HAZARDS: Not applicable

III. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	EU No.	3.1 REACH No.	Weight %	Name
7789-2-0	231-791-2	Exempt	54-56	Water
9000-70-8	232-554-6	Exempt	44-46	Gelatin
108-95-2	203-632-7	01-2119471329-32-0002	<1.0	Phenol
99-76-3	-	-	0.2	Methyl Paraben
94-13-3	-	-	0.15	Propyl Paraben
13463-67-7	-	-	<0.1	Titanium dioxide
8006-80-2	-	-	<0.02	Sassafras oil

SYNONYMS: Fish Glue; Liquid Gelatin

CHEMICAL NAME: Gelatin

CAS NUMBER: 9000-70-8

EINECS NUMBER: 2325546

IV. FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES:

FOLLOWING INHALATION: Remove to fresh air if light headed or dizzy.

FOLLOWING SKIN CONTACT: Wash with soap and water

FOLLOWING 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.

FOLLOWING INGESTION: Rinse mouth. Do NOT induce vomiting. Seek medical attention

SELF-PROTECTION OF THE FIRST AIDER: None required. Use normal protective gloves, glasses and clothing.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED: The most important known symptoms and effects are described in Section 11

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION: No data available

V. FIRE FIGHTING MEASURES

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

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE: None known

5.3 ADVICE FOR FIREFIGHTERS: Use standard firefighting precautions

5.4 FURTHER INFORMTION: No data available

FLASH POINT: None

FLAMMABILITY: None

UPPER FLAMMABLE LIMIT (% by Volume): Not applicable

LOWER FLAMMABLE LIMIT (% by Volume): Not applicable

AUTO IGNITION TEMPERATURE (°C): Not applicable

HAZARDOUS COMBUSTION PRODUCTS: None

EXPLOSION DATA: Sensitivity to Impact: None

NFPA RATING: Health 1; Flammability 0; Instability 0

VI. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1 FOR NON-EMERGENCY PERSONNEL

PROTECTIVE EQUIPMENT: Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet)

6.1.2 **FOR EMERGENCY RESPONDERS:** Refer to Section 8 of the safety data sheet.

6.2 **ENVIRONMENTAL PRECAUTIONS:** Clean up spills immediately observing precautions in Section 8.

6.3 **METHODS AND**

MATERIAL FOR CONTAINMENT AND CLEANING UP: Mop up with water and place in a suitable disposal container

6.3.3. **ANY OTHER INFORMATION RELATING TO SPILLS AND RELEASES:** No data available

VII. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

PROTECTIVE MEASURES: Wear eye protection and gloves.

SKIN CONTACT: Wash with soap and water.

INGESTION: Rinse mouth. Do NOT induce vomiting. Seek medical attention

INHALATION: Remove to fresh air if light headed or dizzy.

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.

MEASURES TO PREVENT FIRE: Normal measures for fire prevention.

7.2 **CONDITIONS FOR SAFE STORAGE:** Keep container tightly closed.

7.3 **SPECIFIC END USES:** Apart from the uses mentioned in Section 1.2, no other specific uses are stipulated.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS: Contains Phenol: OSHA PEL 5 ppm; ACGIH TLV 5 ppm; Other limits recommended: 19 mg/m³

8.2 **EXPOSURE CONTROLS:** Facilities storing or using this material should be equipped with an eyewash facility. Use adequate ventilation to keep airborne concentrations low. Use general industrial hygiene practices.

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: Wear appropriate protective gloves

RESPIRATOR: May be needed under certain conditions where significant exposure to dust occurs.

EYE: Wear safety glasses approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

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

IX. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

- a. APPEARANCE AND PHYSICAL STATE: Transparent amber liquid
- b. ODOR: Slight sassafras odor
- c. ODOR THRESHOLD: No data available
- d. 10% SOLUTION pH: 4.0 – 6.0 at 30°C
- e. MELTING POINT/FREEZING POINT: No data available
- f. INITIAL BOILING POINT AND BOILING RANGE: No data available
- g. FLASH POINT: Not applicable
- h. EVAPORATIVE RATE: No data available
- i. FLAMMABILITY: Not flammable
- j. UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: Not applicable
- k. VAPOR PRESSURE (mm Hg): No data available
- l. VAPOR DENSITY (AIR=1): No data available
- m. RELATIVE BULK DENSITY (H₂O=1): 1.17
- n. SOLUBILITY IN WATER: Very
- o. PARTITION COEFFICIENT: n-OCTANOL/WATER: No data available
- p. AUTO-IGNITION TEMPERATURE: Not applicable
- q. DECOMPOSITION TEMPERATURE: No data available
- r. 10% VISCOSITY: 7 - 10 mPas at 30°C
- s. EXPLOSIVE PROPERTIES: Not applicable
- t. OXIDISING PROPERTIES: Not applicable

X. STABILITY AND REACTIVITY DATA

10.1 REACTIVITY: No data available

10.2 CHEMICAL STABILITY: Stable under normal ambient temperatures (-40°C to +40°C)

10.3 POSSIBILITY OF HAZARDOUS REACTIONS: No hazardous reaction when handled and stored according to provisions

10.4 CONDITIONS TO AVOID: No known hazardous reactions.

10.5 HAZARDOUS DECOMPOSITION PRODUCTS: No known hazardous decomposition products.

XI. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

- (a) acute toxicity: May be harmful if swallowed
- (b) skin corrosion/irritation: No data available.
- (c) serious eye damage/irritation: No data available.
- (d) respiratory or skin sensitization: No data available.
- (e) germ cell mutagenicity: No data available.
- (f) carcinogenicity: Not listed as a carcinogen by ACGIH, IARC, NTP, OSHA or CA Prop 65
- (g) reproductive toxicity: No data available.
- (h) STOT-single exposure: No data available.
- (i) STOT-repeated exposure: No data available.
- (j) aspiration hazard: No data available.

XII. ECOLOGICAL INFORMATION

12.1 TOXICITY: No data available.

12.2 PERSISTENCE AND DEGRADABILITY: Readily degraded by many types of bacteria when thoroughly diluted.

12.3 BIOACCUMULATIVE POTENTIAL: Not bioaccumulative

12.4 MOBILITY IN SOIL: No data available

12.5: RESULTS OF PBT AND vPvB ASSESSMENT: According to the results of its assessment, this substance is not a PBT or a vPvB.

12.6 OTHER ADVERSE EFFECTS: No relevant studies identified.

XIII. DISPOSAL CONSIDERATION

13.1 WASTE TREATMENT METHODS:

13.1.1 PRODUCT AND PACKAGING: Offer surplus and non-recyclable solutions to a licensed disposal company. Offer plastic packaging for recycling. Dispose of in a manner consistent with federal, state and local regulations.

XIV. TRANSPORT INFORMATION

14.1 UN NUMBER: Not regulated for transport under DOT (US), ADR (EU), IATA OR IMDG Regulations

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XV. REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE: No data available

15.2 CHEMICAL SAFETY ASSESSMENT:

SARA Act of 1986 – USA Section 302: Not applicable; Section 313: Not listed; SARA 311/312:

No SARA hazards

TOXIC SUBSTANCE CONTROL ACT (TSCA) USA: Listed

Massachusetts Right to Know Components: No components subject to this requirement

Pennsylvania and New Jersey Right to Know Components: Phenol CAS No. 108-95-2

California Prop 65 Components: This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm.

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: 609-395-1966

EMERGENCY TELEPHONE: 609-395-1966

DATE: January 27, 2018

SUPERSEDES: January 27, 2016

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All components of this product are in compliance with the Toxic Substances Control Act (TSCA) inventory.

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