



Turf Claw 75

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Revision Date: 05/05/2016 Date of Issue: 05/05/2016

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: Turf Claw 75

1.2. Intended Use of the Product

Use of the Substance/Mixture: Synthetic Turf Adhesive

1.3. Name, Address, and Telephone of the Responsible Party

Company

SynLok Adhesives LLC

PO Box 137

Stony Point, NC 28678

1.888.796.5655

www.synlokadhesives.com

1.4. Emergency Telephone Number

Emergency Number : 1.888.853.1758; 1.800.424.9300 (Chemtrec)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US Classification

Eye Irrit. 2A	H319
STOT 3	H335
STOT 1	H372
Harmful if Ingested As Liquid	H332

2.2. Label Elements

GHS-US Labelling

Hazard Pictograms (GHS-US) :



Signal Word (GHS-US) : Caution

Hazard Statements (GHS-US) :

H332 – Harmful if Ingested As Liquid.
H319 - Causes serious eye irritation.

Precautionary Statements (GHS-US) :

P270 - Do not eat, drink or smoke when using this product
P304+P340 - If ingested: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - If in eyes: Immediately and cautiously wipe as much as possible from the eye. Remove contact lenses, if present and easy to do. Rinse with water. Contact a doctor.
P312 - Call a doctor if you feel unwell.
P314 - Get medical advice/attention if you feel unwell.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P342+P311 - If experiencing respiratory symptoms: Call a doctor.
P403+P233 - Keep container tightly closed and store in an upright position.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. Due to the product's high viscosity inhalation of mists is highly unlikely. Quartz in this product is bound in the liquid matrix and not available for immediate exposure. This product is a moisture cured adhesive: contact with water or moisture will speed up the curing process.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Single Part Moisture Cure Polyurethane Adhesive

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3.2. Mixture

*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

First-aid Measures After Skin Contact: This product cures in the presence of water. Immediately wipe off excess material and use alcohol to remove any residue. Obtain medical attention if irritation develops or persists.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: Causes serious eye irritation. Harmful if ingested.

Symptoms/Injuries After Inhalation: Due to the product's high viscosity inhalation of mists is highly unlikely.

Symptoms/Injuries After Eye Contact: This product is a moisture cured adhesive: contact with water or moisture will speed up the curing process. Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion As Liquid: Ingestion is likely to be harmful or have adverse effects.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed and concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). Sand.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but will burn at high temperatures.

Explosion Hazard: Product is not explosive. Containers may rupture when exposed to excessive heat.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. Do not get water inside containers. Do not apply water stream directly at source of leak. Remove containers from fire area if this can be done without risk. Do not breathe fumes from fires or vapors from decomposition.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Thermal decomposition generates: Irritating or toxic vapors. Carbon oxides (CO, CO₂). Nitrogen oxides. Isocyanates. Cyanides. Silicon oxides. Hydrocarbons.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. Evacuate unnecessary personnel. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Ventilate area.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material.

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SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Due to the product's high viscosity inhalation of mists is highly unlikely. Avoid contact with eyes. Wear appropriate eye and skin protection if not used in a controlled and safe manner. Do not breathe smoke and gases created by overheating or burning this material.

Other information: Do not handle until all safety precautions have been read and understood. Avoid contact with eyes or eating this product.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed and in an upright position when not in use. Store in a dry, cool and well-ventilated place. Keep/Store away from direct sunlight.

Incompatible Products: Product is a moisture cured adhesive and will react strongly with products containing moisture.

7.3. Specific End Use(s)

Synthetic Turf Adhesive

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

8.2. Exposure Controls

Appropriate Engineering Controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal Protective Equipment

: Gloves are not required but recommended.



Hand Protection

: Wear protective gloves to reduce skin exposure.

Eye Protection

: Wear goggles if not handling in a safe and controlled manner.

Environmental Exposure Controls

: Avoid release to the environment.

Other Information

: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Green
Odor	: Neutral
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: 204 °C (399.2 °F) (estimated)
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: No data available
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available

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Viscosity : 165,000 cPs @ 75F (LVF 4@3 RPM); 103,000 cPs @ 90F (LVF 4@3 RPM)

9.2. Other Information: No additional information available

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur under normal conditions. Strong acids, bases, amines, or mercaptans may cause polymerization.
10.4. Conditions to Avoid: Direct sunlight and extremely high or low temperatures.
10.5. Incompatible Materials: Product is a moisture cured adhesive and will react strongly with products containing moisture.
10.6. Hazardous Decomposition Products: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Serious Eye Damage/Irritation: Causes serious eye irritation.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified.

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Causes damage to organs (lungs) through prolonged or repeated exposure (ingestion).

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Due to the product's high viscosity inhalation of mists is highly unlikely.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: Causes damage to organs (lungs) through prolonged or repeated exposure (ingestion).

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Not classified.

12.4. Mobility in Soil: No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

IATA : Not regulated

DOT : Not regulated

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

The following information is provided based upon the best information we have at our disposal.

Country	Regulation	All Components Listed
	Toxic Substance Control Act	Yes

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 06/12/2016

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

GHS Full Text Phrases:

STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
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STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H319	Causes serious eye irritation.
H332	Harmful if ingested as liquid.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)

For any valid claim presented under the limited warranty, SynLok Adhesives will replace the product, or, at its option, refund the purchase price. This replacement/refund is the purchaser's sole and exclusive remedy against SynLok Adhesives. The purchaser agrees that no other resolution (including but not limited to lost profits, lost sales, injury to person or property or any other incidental or consequential loss) shall be available to purchaser for claims arising out of any use of the product regardless of the legal theory (contract, tort or other). In no event will SynLok Adhesives be obligated to pay damages to purchaser in any amount exceeding the price that the purchaser paid for the product. SynLok Adhesives warrants that our products are manufactured in accordance with SynLok Adhesives specifications in effect on the date of manufacture. These specifications are available upon request. This warranty does not cover test data, or any defects, damages or other harms caused to any extent or in any way by failure to follow applicable SynLok Adhesives instructions, if any, or abuse/misuse of the product.

Any Claim made or action commenced by purchaser/ end user under SynLok Adhesive limited warranty as set forth herein must be brought within six months from the date of shipment from SynLok Adhesives to the purchaser. Purchaser agrees that all disputes arising from SynLok Adhesives sale of product to purchaser shall be brought, if at all, in and before a court located in the state of North Carolina, to the exclusion of the courts of any other state.