

Safety Data Sheet

Per GHS Standard Format

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: Piranha NexStrip Pro No. 5701

Recommended Use of Product: Paint Remover

Information on the Supplier of the Safety Data Sheet

Manufactured For:
Fiberlock Technologies, Inc.
150 Dascomb Road
Andover, MA 01810

Emergency Telephone Numbers:
CHEM TEL: (U.S.): 1-800-255-3924
(Outside the U.S.): 813-248-0585

P: 800-342-3755 F: 978-475-6205

SECTION 2: HAZARDS IDENTIFICATION

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

Signal Word: **DANGER!**



GHS Label Statements

Hazard Statements:

Causes skin irritation.

Causes serious eye damage.

GHS Classifications

This product is considered hazardous by The 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin Irritation Category 2

Eye Damage Category 1

PRECAUTIONARY STATEMENTS

Prevention: Wash thoroughly after handling. Wear protective gloves, eye protection and face protection.

Response: IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical attention. The off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER.

Storage: Store in a well-ventilated place. Keep container closed when not in use.

Disposal: Dispose of contents and container in accordance with local and national regulations.

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

| <u>Chemical Name</u> | <u>CAS No.</u> | <u>Weight, %*</u> |
|------------------------|----------------|-------------------|
| Benzyl Alcohol | 100-51-6 | 30-40 |
| Formic Acid | 64-18-6 | 1-5 |
| Proprietary Ingredient | Proprietary | 1-5 |

***The specific identity and/or exact concentration percentage (weight) of composition has been withheld as a trade secret.**

SECTION 4: FIRST AID MEASURES

Inhalation

Remove victim to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get immediate medical attention.

Skin Contact

Wash thoroughly with soap and water until no traces of the chemical remains. Remove contaminated clothing immediately and launder before reuse. Get immediate medical attention if irritation or symptoms of exposure develop.

Eye Contact

Immediately flush eyes with water for at least 20 minutes while lifting the upper and lower lids. Get immediate medical attention.

Ingestion

If conscious, rinse mouth with water and give 1 glass of water to dilute. Do not induce vomiting unless directed to by medical personnel. Never give anything by mouth to a person who is unconscious or convulsing. Get immediate medical attention.

Most important symptoms/effects, acute and delayed

Causes severe eye irritation with possible eye damage. May cause skin irritation. May be harmful if absorbed through the skin. Vapors may cause mucous membranes, respiratory irritation and central nervous system effects. May be harmful if swallowed.

Indication of immediate medical attention and special treatment, if necessary

If eye contact occurs, get immediate medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable (and unsuitable) Extinguishing Media: Water spray or fog, foam, carbon dioxide or dry chemical.

Specific Hazards Arising from the Chemical: At elevated temperatures containers may rupture. Vapors form explosive mixtures with air in confined areas.

Protective Equipment and Precautions for Firefighters: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool fire exposure containers with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate protective clothing and equipment to prevent eye and skin contact.

Environmental Precautions: Avoid release to the environment. Report spill as required by local and federal regulations.

Methods for Containment and Cleaning Up: Dike spill and collect into closable containers for disposal with an inert absorbent. Wash spill site with water.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Prevent contact with eyes. Avoid contact with skin and clothing. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and launder contaminated clothing before re-use. Wash with soap and water after use.

Empty containers retain product residues. Follow all SDS precautions in handling empty containers.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, well ventilated area away from oxidizers and other incompatible materials. Keep container tightly closed. Protect containers from physical damage.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| | |
|------------------------|---|
| Formic acid | 10 ppm AIHA WEEL |
| Formic acid | 5ppm TWA OSHA PEL 5 ppm TWA ACGIH TLV 10 ppm STEL ACGIH TLV |
| Proprietary Ingredient | None Established |

Appropriate Engineering Controls: Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required.

Personal Protective Equipment

Eye/Face Protection: Wear chemical goggles and/or face shield to prevent eye contact. Do not wear contact lenses.

Skin and Body Protection: Butyl rubber or other impervious gloves are recommended to prevent skin contact.

Respiratory Protection: Good general ventilation (equivalent to outdoors) should be adequate under normal conditions. For spray application and in conditions where the recommended exposure limit may be exceeded use a NIOSH approved respirator with organic vapor cartridges and a dust/mist pre-filter. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

Other: Impervious apron, boots and other clothing are recommended if needed to prevent contact or if splashing is possible. For operations where contact can occur, a safety shower and an eye wash facility should be available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White paste
Color: White
Odor: Sweet odor

| <u>Property</u> | <u>Values</u> | <u>Remarks/Method</u> |
|--|--------------------------------------|-----------------------|
| pH | 4.5 | None known |
| Melting/freezing point | No data available | None known |
| Boiling point/boiling range | No data available | None known |
| Flash Point | >204.8°F / >90°C (Benzyl alcohol) | None known |
| Evaporation rate | No data available | None known |
| Flammability (solid, gas) | Not applicable | None known |
| Flammability Limit in Air | | |
| Upper flammability limit | No data available | None known |
| Lower flammability limit | No data available | None known |
| Vapor pressure | Not determined | None known |
| Vapor density | No data available | None known |
| Relative density | 1.18 | None known |
| Specific Water Solubility | Partially soluble in water | None known |
| Solubility in other solvents | No data available | None known |
| Partition coefficient: n-octanol/water | No data available | None known |
| Auto-ignition temperature | 817°F / 436°C (Benzyl alcohol) | None known |
| Gravity | Not applicable | None known |
| Decomposition temperature | No data available | None known |
| <u>Other Information</u> | | |
| Softening Point | No data available | |
| VOC Content (%) | <35 g/L | |
| Particle size | No data available | |
| Particle size distribution | No data available | |

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Conditions to Avoid

None known

Chemical Stability

Stable

Incompatible Materials

Avoid oxidizing agents, acids and alkalis.

Possibility of Hazardous Reactions

Benzyl alcohol undergoes slow oxidization in the presence of air or oxygen to form benzaldehyde and benzoic acid.

Hazardous Decomposition Products

Thermal decomposition may produce carbon and nitrogen oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Effects of Exposure

Inhalation: Inhalation of vapors or mist may cause mucous membrane and upper respiratory tract irritation, blurring of vision, low blood pressure, fatigue, nausea and vomiting. Severe cases may cause symptoms similar to those listed under ingestion.

Eye Contact: Contact may cause severe irritation or burns with redness, pain and tearing. May cause blurred vision, corneal clouding or eye damage.

Skin Contact: May cause irritation with redness and swelling. May be absorbed through the skin in harmful amounts. Benzyl alcohol may cause numbness due to anesthetic effects.

Ingestion: May cause gastrointestinal irritation, abdominal pain, headache, central nervous system depression, nausea, vomiting, diarrhea, low blood pressure and fatigue. Severe cases may cause respiratory and muscular paralysis, convulsions, narcosis, liver and kidney failure and death.

Chronic Effects: Repeated contact may cause dermatitis.

Sensitization: None of the components have been shown to cause sensitization to animals or humans.

Germ Cell Mutagenicity: None of the components have been shown to cause germ cell mutagenicity.

Reproductive Toxicity: None of the components have been shown to cause reproductive or developmental toxicity.

Carcinogenicity: None of the components greater than 0.1% are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or OSHA.

Acute Toxicity Values

Benzyl Alcohol: Oral Rat LD50: 1660 mg/kg; Dermal Rabbit LD50: 2000 mg/kg; Inhalation Rat LC50: > 4178 mg/L/4 hr

Formic Acid: Oral rat LD50: 730 mg/kg; Inhalation rat LC50: 7.4 mg/L/4 hr

Proprietary Ingredient: Oral rat LD50: 3543 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

This product may be hazardous to the aquatic environment.

Ecotoxicity Values: Benzyl Alcohol: 96h LC50 Pimephales promelas 460 mg/L; 48h EC50 Daphnia magna 230 mg/L; 72 hr EC50 Pseudokirchnerella subcapitata 770 mg/L

Persistence and Degradability: Benzyl alcohol and formic acid are readily biodegradable.

Bioaccumulative Potential: Benzyl alcohol has a BCF <0.3. Formic acid has a BCF of 3.

Mobility in Soil: Benzyl alcohol, formic acid and n-methyl-2-pyrrolidinone are highly mobile in soil.

Other Adverse Effects: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT

| | |
|----------------------|---------------|
| UN Number | N/A |
| Proper Shipping Name | Not Regulated |
| Hazard Class | N/A |
| Packing Group | N/A |
| Environmental Hazard | None |

TDG

| | |
|----------------------|---------------|
| UN Number | N/A |
| Proper Shipping Name | Not Regulated |
| Hazard Class | N/A |
| Packing Group | N/A |
| Environmental Hazard | None |

Transport in Bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special Precautions: None known

SECTION 15: REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

CERCLA Hazardous Substances (Section 103)/RQ: The RQ of this product based on the RQ of sodium hydroxide of 1000 lbs present at 10% maximum is 10,000 lbs. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Acute health, Chronic Health

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, Section 313: None

California Proposition 65: This product the following chemicals known to the State of California to cause cancer or reproductive toxicity: Titanium dioxide <0.06% (cancer), crystalline silica <0.2 (cancer)

EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

Canada

Canadian CEPA: The components of this product are listed on the Canadian DSL.

Canadian WHMIS Classification: Class E (Corrosive), Class D-2-B (Toxic material causing other toxic effects).

This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

SECTION 16: OTHER INFORMATION

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD (5323) or log on to: www.epa.gov/lead