

Safety Data Sheet

X-9032A/G402 Nix Stix® Mold Release

Stoner

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1. IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy.
Quarryville, PA 17566
1-800-227-5538

Product Name: Nix Stix® Mold Release
Product Code: X-9032A/G402
Product Use: Mold Release
24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

2. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard
Symbols



GHS Classification

Gases under pressure - Liquefied Gas
Reproductive Toxicity Category 2

Signal Word

Warning

Hazard Statements

Contains gas under pressure; may explode if heated.
Suspected of damaging fertility or the unborn child.

Precautionary Statements

Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.

Response

IF exposed or concerned: Get medical advice/attention.

Storage

Store locked up.
Protect from sunlight. Store in a well-ventilated place.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Percent
Halogenated hydrocarbon/ether blend	Mixture	60 - 80
NJ Trade Secret Registry	#80100382-5152P	1-20
Organo functional polydimethylsiloxane	Mixture	1-20

HMIS® III* HAZARDOUS WARNINGS:

Health: 2	Flammability: 2	Physical: 1	Personal Protective Equipment: See Section 8
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* See www.paint.org/hmis or call the NPCA at 1 (202) 462-6272 for more information on this current rating system.

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. For liquid contact, treat for frostbite if necessary. Seek medical attention if symptoms persist. Wash clothing before reuse. Seek medical attention if symptoms

persist.
 Ingestion: Do not induce vomiting. Aspiration into the lungs can cause serious damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Contact a physician, medical facility, or poison control center immediately.
 Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. Treatment is symptomatic and supportive. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Inhalation of respirable aerosols of the lubricant in this product may cause serious toxic effects in the lungs, based on animal studies. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); kidney; central nervous system; auditory system; arrhythmias (irregular heartbeats);

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: This product contains a component(s) that is considered an extremely flammable gas(es), which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. Containers may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see Sec.10). This material burns with difficulty, but will support combustion. "Empty" containers retain product residue and can be dangerous.
 Fire Fighting Instructions: Use CO2, foam or dry chemical. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Avoid breathing the products and substances that may result from the thermal decomposition of the product or other substances in the fire zone.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Use absorbent material to dike around small quantities of spilled material. Spills of this material are slippery; use sand or other granular material to improve traction. If runoff occurs, notify authorities as required.

7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. Do not use near ignition sources. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. May cause frostbite. Based on animal studies, a component may cause lung damage and be hazardous to health when used in an aerosol formation. Use ventilation, and respiratory protection. Normal precautions common to safe manufacturing practice should be followed in handling and storage. This material can be harmful or irritating. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.
 Storage: Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120 degrees F. Empty container may contain residues which are hazardous. Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases). Store away from oxygen cylinders or other oxidizing materials and possible ignition sources. Ground all equipment and cylinders before use. Store away from heat and direct sunlight. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the MSDS (from known, suspected or apparent adverse effects).
 Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Do not wear contact lenses. Have an eye wash station available. The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes.
 Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
 Respiratory Protection: A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. If the possibility exists that aerosols or mists may be inhaled while handling or processing this material, the use of a NIOSH/MSHA approved dust, fume, and mist respirator designed as respiratory protection against dust, fumes, and mist of materials having an exposure limit of less than 0.05 mg/m3 is recommended.

COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated hydrocarbon/ether blend	Mixture	Not established	Not established	1000ppm TWA (Mfr.)
NJ Trade Secret Registry	#80100382-5152P	Not established	Not established	800 ppm (mfr. recommend)
Organo functional polydimethylsiloxane	Mixture	Not established	Not established	Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Lower Flammability Limit (%):	Not applicable
Appearance:	Clear Colorless	Upper Flammability Limit (%):	Not applicable
Odor:	Slight ethereal.	Vapor Pressure (PSIG @ 70°F):	70.00
Odor Threshold:	Mild	Vapor Density [air = 1]:	2.16
pH:	Not applicable	Relative Density (H2O=1):	0.88
Melting/Freezing Point (°F):	-130	Solubility in Water:	Not determined
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	2.2
Flash Point (°F PMCC):	Not applicable	Autoignition Temperature (°F):	716
Evaporation Rate:	2-10 (n-Butyl acetate = 1)	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	1-20		

10. STABILITY AND REACTION

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid contact with: Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Powdered metals. Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Oxidizers. Acetic acids Organic acid anhydrides. Sparks, open flame, other ignition sources, and elevated temperatures. Can form a combustible mixture with air at pressures above atmospheric pressure. Do not mix with oxygen or air above atmospheric pressure. Strong oxidizing agents.
Decomposition Products:	This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. If heated with peroxides present, violent decomposition can occur. Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Hydrogen chloride. Hydrogen Chloride. Carbonyl halides. When heated to temperatures above 150°C in the presence of air, one of the ingredients in this product can form formaldehyde vapors. Formaldehyde vapor is harmful by inhalation; irritating to eyes; sensitizer to the respiratory system; an acute toxicant and a potential cancer hazard at concentrations greater than 0.75 ppm. Methanol is released in small amounts with water. Various hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Reproductive & Developmental No data available.
Toxicity:

Ingredient	CAS #	Toxicological Data
Halogenated hydrocarbon	Mixture	ORAL ALD Rat > 1500 mg/kg 4HR ALC Rat 383000 ppm Inhalation LC50 Rat = 164000 ppm No data available
Ether propellant NJ Trade Secret Registry	#80100382-5152P	Inhalation LC50 (4h) Rat 120000 ppm Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat > 2000 mg/kg
Organo functional polydimethylsiloxane	Mixture	Inhalation LC50 (4h) Rat > 2 mg/L Dermal LD50 Rat > 2000 mg/kg Oral LD50 Rat 5000 mg/kg Inhalation LC50 (4h) Rat = 74 mg/L
Aliphatic hydrocarbon	142-82-5	

12. ECOLOGICAL INFORMATION

Ecological Toxicity: No data available
Mobility: No data available
Degradability: This product is unlikely to biodegrade at a significant rate.

Ingredient	CAS #	Toxicological Data
Ether propellant NJ Trade Secret Registry	#80100382-5152P	48HR NOEC GUPPIES > 4000 mg/L 48HR NOEC Daphnia > 4000 mg/L Aquatic LC50 (96h) Rainbow Trout 38 mg/L 48HR EC50 Daphnia 82 mg/L 72HR EC50 Algae 106.7 mg/L
Aliphatic hydrocarbon	142-82-5	Aquatic LC50 (24h) MINNOW 4 mg/L 48HR EC50 Daphnia 1.5 mg/L

13. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

14. TRANSPORTATION INFORMATION

Agency	UN Number	Proper Shipping name	Hazard Class	Packing Group
DOT	UN1950	Aerosols, Non- Flammable†	2.2	Not applicable
IATA	ID8000	Consumer Commodity†	9	Not applicable
IMDG	UN1950	Aerosols, Non- Flammable†	2.2	Not applicable

† "Limited Quantities" may be applicable for this transportation mode.

15. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	Regulatory Body
No components listed in this section.			SARA Section 313

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

No components listed in this section.	Prop65 Cancer
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Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

No components listed in this section.	Prop65 Birth Defects
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All components of this product are listed on the TSCA inventory.

16. OTHER INFORMATION

Other Information : MSDS Prepared by L. Dean Swartz, MSDS Coordinator

Version Date: 08/07/15

This information contained in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.