

1. Product and Company Identification

Product Code: MPSG1000
Product Name: Sure Grip
Company Name: Masterpiece Manufacturing, Inc.
P.O. Box 97818
Las Vegas, NV 89193-7818
Phone Number: (702)656-9767
Emergency Contact: Chemtrec (800)424-9300
Recommended Use: Maintainer/Restorer
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Acute Toxicity: Oral, Category 3

Skin Corrosion/Irritation, Category 1B



GHS Signal Word: Danger

GHS Hazard Phrases: Toxic if swallowed.
Causes severe skin burns and eye damage.

GHS Precaution Phrases: Do not eat, drink or smoke when using this product.
Wear protective gloves, protective clothing, eye protection, face protection.
Wash hands thoroughly after handling.
Keep out of reach of children.

GHS Response Phrases: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Immediately call a POISON CENTER or doctor/physician.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor/physician.

GHS Storage and Disposal Phrases: Store in cool dry place at room temperature away from direct sunlight.
Dispose of contents and container according to the local, city, state and federal regulations.

**Potential Health Effects
(Acute and Chronic):**

Inhalation: Causes chemical burns to the respiratory tract.

Skin Contact: Contact with liquid is corrosive and causes severe burns and ulceration. May penetrate the skin and cause severe tissue and bone destruction. May cause skin rash (in milder cases), and cold and clammy skin with cyanosis or pale color.

Eye Contact: Causes eye burns. May cause chemical conjunctivitis and corneal damage.

Ingestion: Harmful if swallowed. May cause severe and permanent damage to the digestive tract.
May cause perforation of the digestive tract.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1341-49-7	Ammonium bifluoride	Proprietary
166736-08-9	Oxirane, methyl-, polymer with oxirane, mono(2-propylheptyl) ether	Proprietary

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation:	Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.
In Case of Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes.
In Case of Eye Contact:	Get medical aid immediately. Do NOT allow victim to rub eyes or keep eyes closed. Extensive irrigation with water is required (at least 30 minutes).
In Case of Ingestion:	Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.
Note to Physician:	Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt:	NP Method Used: Estimate
Explosive Limits:	LEL: N/A UEL: N/A
Autoignition Pt:	NP
Suitable Extinguishing Media:	For small fires, use dry chemical, carbon dioxide, or water spray. For large fires, use dry chemical, carbon dioxide, alcohol-resistant foam, or water spray.
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Use water spray to keep fire-exposed containers cool. Contact with metals may evolve flammable hydrogen gas. Containers may explode when heated. Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
Flammable Properties and Hazards:	No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.
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7. Handling and Storage

Precautions To Be Taken in Handling:	Wash thoroughly after handling. Minimize dust generation and accumulation. Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Do not ingest or inhale. Discard contaminated shoes. Use only with adequate ventilation.
Precautions To Be Taken in	Keep container closed when not in use. Store in a tightly closed container. Store in a

Storing: cool, dry, well-ventilated area away from incompatible substances. Corrosives area. Keep away from acids. Keep away from strong bases. Store protected from moisture.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1341-49-7	Ammonium bifluoride	No data.	No data.	No data.
166736-08-9	Oxirane, methyl-, polymer with oxirane, mono(2-propylheptyl) ether	No data.	No data.	No data.

Respiratory Equipment (Specify Type): A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Use adequate ventilation to keep airborne concentrations low.

9. Physical and Chemical Properties

Physical States: ☐ Gas ☒ Liquid ☐ Solid

Appearance and Odor: Clear, colorless liquid with no fragrance.

Melting Point: NE

Boiling Point: >= 212.00 F

Decomposition Temperature: NE

Autoignition Pt: NP

Flash Pt: NP Method Used: Estimate

Explosive Limits: LEL: N/A UEL: N/A

Specific Gravity (Water = 1): 1.022

Density: 8.52 LB/GA

Vapor Pressure (vs. Air or mm Hg): NE

Vapor Density (vs. Air = 1): NE

Evaporation Rate: NE

Solubility in Water: 100%

Saturated Vapor Concentration: NE

Viscosity: NP

pH: 0.5 - 2.0

Percent Volatile: No data.

VOC / Volume: 0.0000 G/L

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - None.

Instability:

Incompatibility - Materials To Avoid: Strong oxidizers, ammonia, bleach, strong acids and strong alkali materials.

Hazardous Decomposition Or Byproducts: hydrogen fluoride gas. ammonia and/or derivatives, CO, CO₂.

Byproducts:

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Reactions:

Conditions To Avoid - None.

Hazardous Reactions:

11. Toxicological Information

Toxicological Information: No data available.

Carcinogenicity/Other Information: CAS# 1341-49-7: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: UN2817, Ammonium Hydrogendifluoride Solution, 8, II.

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: UN2817

Packing Group: II



LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: UN2817, Ammonium Hydrogendifluoride Solution, 8, II.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: UN2817, Ammonium Hydrogendifluoride Solution, 8, II.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: UN2817, Ammonium Hydrogendifluoride Solution, 8, II.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

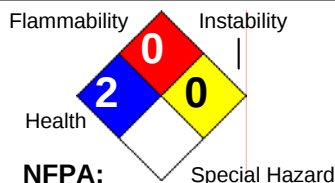
CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
1341-49-7	Ammonium bifluoride	No	Yes 100 LB	No
166736-08-9	Oxirane, methyl-, polymer with oxirane, mono(2-propylheptyl) ether	No	No	No

16. Other Information

Hazard Rating System:

HEALTH	2
FLAMMABILITY	0
PHYSICAL	0
PPE	C

HMIS:



Revision Date:

03/26/2015

Additional Information About This Product:

No data available.

Company Policy or Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.