

SAFETY DATA SHEETS

TILE PREP

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Tile Prep
MANUFACTURER: Incredible Products LLC.
ADDRESS: 1221 Stewart Rd. Lima, OH 45801
INFORMATION PHONE: 567-297-3700
EMERGENCY PHONE: 800-424-9300
REVISION DATE: January 22, 2026

SECTION 2: HAZARDOUS IDENTIFICATION

Classification:

Skin Irritation- Category 1A
Eye Irritation- N/A
Respiratory Sensitizer (Solid/Liquid)- N/A
Skin Sensitizer- N/A
Carcinogenicity- N/A



Signal Word:

Warning

Hazardous Statements - Health:

H226 – Flammable liquid and vapor
H320 - May cause eye irritation
H315 - May cause skin irritation
H317 - May cause an allergic skin reaction
H333 - May be harmful if inhaled
H314 – Causes slight burns and eye damage

Precautionary Statements - General:

P260 – Do not breathe dust/mist/spray.
P264 – Wash hands and forearms thoroughly after handling.
P363 – Wash contaminated clothing before use.
P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.
P101 - If medical advice is needed, have a product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.

Precautionary Statements - Prevention:

P210 – Keep away from heat/sparks/open flames/hot surfaces.
P264 - Wash thoroughly after handling.

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

Precautionary Statements - Response:

P332 + P313 - If skin irritation occurs: Get medical advice/attention.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
P302 + P352 - IF ON SKIN: Wash with plenty of water.
P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention.
P321 - Specific treatment (see section 4 on this SDS).
P362 + P364 - Take off contaminated clothing. And wash it before reuse.
P308 + P313 - IF exposed or concerned: Get medical advice/attention.

Precautionary Statements - Storage:

P405 - Store locked up.

Precautionary Statements - Disposal:

P501 - Dispose of contents/ container to an approved waste disposal plant.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS Registry #	Concentration
Ammonium Bi-fluoride Solution stabilized	1341-49-7	6%-22%
Phosphoric Acid	7664-38-2	5%-10%

SECTION 4: FIRST AID MEASURES

Inhalation:

Remove the source of exposure or move the person to fresh air and keep comfortable for breathing. If exposed/feel unwell/concerned: Call a POISON CENTER/doctor.

Skin Contact:

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Gently blot away excess product. Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before re-use or discard. IF exposed or concerned: Get medical advice/attention.

Eye Contact:

Remove sources of exposure or move the person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Ingestion:

Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position. Give 1 or 2 glasses of milk or water to drink and refer the person to medical personnel. Do not give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Foam, dry powder, carbon dioxide, water spray and sand.

Unsuitable Extinguishing Media:

Do not use a heavy water stream.

Specific Hazards in Case of Fire:

N/A

Fire-fighting Procedures:

Isolate the immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from the immediate hazard area if it can be done safely.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions:

Wear NIOSH approved self-contained breathing apparatus in positive pressure mode with a full-face piece. Boots, gloves (neoprene), goggles, and full protective clothing are also required. Care should always be exercised in dust/mist areas.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure:

Keep unnecessary people away; isolate hazard areas and deny entry. Do not touch or walk through spilled material. Clean up immediately. Cover with soda ash-slaked lime mixture to neutralize. Scoop into a beaker of water. Flush neutralized solution down drain with excess water.

Recommended Equipment:

Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

Personal Precautions:

Avoid breathing vapors. Avoid contact with skin, eyes or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Precautions:

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

SECTION 7: HANDLING AND STORAGE

General:

Wash hands after use.
Do not get in eyes, on skin or on clothing.
Do not breathe vapors or mists.
Use good personal hygiene practices.
Eating, drinking and smoking in work areas is prohibited.
Remove contaminated clothing and protective equipment before entering eating areas.

Ventilation Requirements:

Use only with adequate ventilation to control air contaminants to their exposure limits.
The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements:

Keep container(s) tightly closed and properly labeled. Keep only in the original container in a cool, well ventilated place. Keep the container closed when not in use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients	CAS #	Exposure Limits
Ammonium Bi-fluoride	1341-49-7	2.5mg/m ³ TWA OSHA PEL (as fluoride) 2.5mg/m ³ TWA ACGIH TLV PEL (as fluoride)
Phosphoric Acid	7664-38-2	1 mg/m ³ TWA OSHA PEL 1 mg/m ³ TWA ACGIH TLV 3 mg/m ³ STEL (ACGIH)

Eye Protection:

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for the entire face, use it in combination with a face shield.

Skin Protection:

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, and dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory Protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect workers, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. When airborne concentrations exceed or are expected to exceed the TLV, use MSHA/NIOSH approved positive pressure supplied air respirator with a full-face piece or an air supplied hood. For emergencies, use a positive pressure self-contained breathing apparatus.

Appropriate Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: CLEAR, CAN APPEAR LIGHT BROWN

PH: 3.5 (5% SOLUTION)

ODOR: MILD PUNGENT ODOR

BOILING POINT (C°): APPROX: 102

SOLUBILITY IN WATER: INFINITE

VAPOR PRESSURE: N/A

SPECIFIC GRAVITY: 1.24 FL

FLASH POINT: N/A

SECTION 10: STABILITY AND REACTIVITY

Stability:

Stable.

Conditions to Avoid:

Extremely high or low temperatures.

Hazardous Reactions/Polymerization:

Reacts with strong bases and acids.

Incompatible Materials:

Platinum plus Bromine Trifluoride, reacts with strong acids to form Hydrogen Fluoride. Corrodes glass and porcelain.

Hazardous Decomposition Products:

Fume. Hydrogen fluoride and Ammonia

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact: Causes severe eye damage.

Skin Contact: Causes mild skin burns.

Inhalation: Avoid breathing vapors or mists

Ingestion: Do not taste or swallow

SECTION 12: ECOLOGICAL INFORMATION

Eco-toxicological Information: Not expected to significantly bio-accumulate.

Chemical Fate Information: Not expected to be toxic to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal:

Although this product itself is generally safe, during the course of its use it may pick up certain hazardous materials. When using in combination with aforementioned hazards, dispose of as you would for those materials. Normal disposal should take into consideration drain and pipe abilities as well as any local, state, or federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

Part Number: 621.7-1, 621.7-32, A-365 500 ML, A-365 LT, A-366 100 ML, A-366 500 ML, A-366 LT, A-368 LT, AX-920 4-LT, AX920 500 ML, AX-920 LT

DOT Shipping Name: Ammonium hydrogen di-fluoride solution

DOT Hazard Class: 8

UN/NA Number: UN1760

Packing Group: III

DOT Label: 8

DOT Pictogram:



SECTION 15: REGULATORY INFORMATION

OSHA Status: These items meet the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of a hazardous material

TSCA Status: All components of this solution are listed on the TSCA inventory or are mixtures (hydrates) of items listed on the TSCA inventory.

SARA Title III

Section 302 Extremely Hazardous Substances: N/A

Section 311/312 Hazardous Categories: Acute, Chronic: Yes Fire, Pressure, Reactivity: No

Section 313 Toxic Chemicals: N/A

California: None reported

Pennsylvania: Ammonium Bi-Fluoride is listed as an Environmental Hazard on the state's Hazardous Substance List.

WHMIS: E: Corrosive Material

RCRA Status: N/A

CERCLA Reportable Quantity: Ammonium Bi-Fluoride – 100 pounds.

SECTION 16: OTHER INFORMATION

DISCLAIMER

The information contained herein is based on the data available and is believed to be accurate, however, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.