

00356-XXXX

**MATERIAL SAFETY DATA SHEET****PRODUCT** 1111 1112 1113**SECTION 1 MATERIAL IDENTIFICATION**

**Product:** FINELINE™ MASKING FLUID (LIQUID LATEX)  
**Date Prepared:** JUNE 1, 2023  
**Manufacturer:** FINELINE APPLICATORS/TAP  
 1782 NEPTUNE DRIVE  
 SAN LEANDRO, CALIF. 94577  
**Telephone:** 1-800-947-1389

**SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS**

Substances listed below are reportable hazardous ingredients as defined by the OSHA Hazard Communication Standard 29CFR1910.1200.

	WEIGHT (%)	CAS NUMBER
1) Ammonia Hydroxide	<0.60	1336-21-6
2) Ammonia*		7664-41-7
3) Aluminum Hydroxide	0 - 0.1%	21645-51-2
4) Tetramethylthiuram Disulfide (TMTD)	<0.05	137-26-8

\* Ammonia generated from ammonium hydroxide exist in vapor space above latex

**SECTION 3 HEALTH HAZARDS****Primary Routes of Exposure:**

Inhalation  
 Skin Contact

**Inhalation:**

Inhalation of vapor or mist can cause mild irritation of nose, throat, and lungs.

**Eye Contact:**

Direct contact with the material can cause slight irritation.

**Skin Contact:**

Prolonged or repeated skin contact can cause slight skin irritation.

**Ingestion:**

Not an anticipated route of exposure. Available data indicate a low odor of toxicity. Excessive quantities may cause irritation of digestive tract.

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### 3. COMPOSITION and INFORMATION ON INGREDIENTS

Hazardous Ingredients:	CAS #	WT %*
Ammonia Hydroxide	1336-21-6	<0.5%
Tetramethylthiuram Disulfide	137-26-8	<0.05%

*Exact percentage is proprietary information. Concentration range is provided to assist users in providing appropriate protection.*

### 4. FIRST-AID MEASURES

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and MSDS to health professional with contaminated individual.

**SKIN CONTACT:** Wash affected area immediately soap and water. Remove contaminated clothing and footwear. If symptoms develop and persists, get medical attention.

**EYE CONTACT:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get immediate medical attention.

**INHALATION:** Move to fresh air. If symptoms develop and persist, get medical attention.

**INGESTION:** Routine use of this product is not expected to cause any situation which could lead to ingestion. If this product is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or unable to swallow.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known.

**RECOMMENDATIONS TO PHYSICIANS:** Treat symptoms and eliminate overexposure.

### 5. FIRE-FIGHTING MEASURES

**FLASH POINT:** Aqueous. Does not flash

**AUTOIGNITION TEMPERATURE:** Not Established

**FLAMMABLE LIMITS (in air by volume %):** Lower NA Upper NA

**FIRE EXTINGUISHING MATERIALS:** Use fire extinguishing materials appropriate for surrounding fire including water spray (for cooling), dry extinguishing media, carbon dioxide, foam.

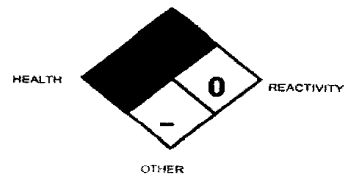
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** This product has no unusual fire or explosion hazards.

**Explosion Sensitivity to Mechanical Impact:** Not Sensitive

**Explosion Sensitivity to Static Discharge:** Not Sensitive

#### NFPA RATING

FLAMMABILITY



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**SPECIAL FIRE-FIGHTING PROCEDURES:** Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

Hazard Scale: **0** = Minimal **1** = Slight  
**2** = Moderate  
**3** = Serious **4** = Severe

### 6. ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK RESPONSE:** Personnel should be trained for spill response operations. Wear appropriate protective equipment such as rubber gloves, safety glasses, and appropriate body protection. Stop discharge if safe to do so.

**CLEAN-UP METHOD:** Wear suitable protective clothing, gloves and eye/face protection. Avoid skin contact and inhalation of vapors during disposal of spills. Confine in small space area; use absorbent to clean up.

**DISPOSAL:** Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations). Dispose of recovered material and report spill per regulatory requirements. It is recommended you contact local authorities to determine if there may be other local reporting requirements.

### 7. HANDLING and STORAGE

**WORK PRACTICES AND HYGIENE PRACTICES:** As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

**STORAGE AND HANDLING PRACTICES:** All employees who handle this material should be trained to handle it safely. Avoid contact with eyes, skin and clothing. Keep the container tightly closed and dry.

**EMPTY CONTAINER PRECAUTION:** Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for humans or animal consumption, or where skin contact can occur.

### 8. EXPOSURE CONTROLS - PERSONAL PROTECTION

**VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation, and process enclosure if necessary, to control airborne dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

**EXPOSURE LIMITS/GUIDELINES:**

Component Name	CAS#	ACGIH-TLV's	OSHA PEL's	Other
Ammonia Hydroxide	1336-21-6	25 ppm TWA	50 ppm TWA	None
Tetramethylthiuram Disulfide	137-26-8	5 ppm TWA	5 ppm TWA	None

Currently, International exposure limits are established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

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The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

**RESPIRATORY PROTECTION:** If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states. Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use of a full-facepiece pressure/demand SCBA or a full facepiece, supplied air respirator with auxiliary self-contained air supply is required under U.S. Federal OSHA's Respiratory Protection Standard (1910.134-1998) or the regulations of various U.S. States, Canada, EU Member States, or those of Japan. Air-purifying respirators with dust/mist/fume filters are recommended if operations may produce mists or sprays from this product.

**EYE PROTECTION:** Full face protection should be used if the potential for splashing or spraying of products exist. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

**BODY PROTECTION:** Work clothing sufficient to prevent skin contact. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

### 9. PHYSICAL and CHEMICAL PROPERTIES

**APPEARANCE, ODOR and COLOR:** Pale blue liquid with light ammoniacal odor.

**BOILING POINT/RANGE:** >212°F (>100°C)

**MELTING POINT/RANGE:** 32°F (0°C) (Freezing point)

**SPECIFIC GRAVITY @ 20°C:** 1.01 - 1.02 (water=1)

**VAPOR PRESSURE, mm Hg @ 20°C (68°F):** N/A

**ODOR THRESHOLD:** N/A

**pH:** 8.0 to 10.0

**EVAPORATION RATE (n-BuAc=1):** same as water

**SOLUBILITY IN WATER:** Dilutable

**VAPOR DENSITY:** N/A

**VOC:** Negligible

### 10. STABILITY and REACTIVITY

**STABILITY:** Stable.

**DECOMPOSITION PRODUCTS:** Thermal degradation produces carbon monoxide, carbon dioxide and other low molecular weight hydrocarbons

**MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:** The product may react to strong acids, bases and oxidizing agents.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Will not occur.

**CONDITIONS TO AVOID:** None known.

### 11. TOXICOLOGICAL INFORMATION

**TOXICITY DATA:** No LD50 Data Available for this product

**SUSPECTED CANCER AGENT:** The components of this product are not listed by agencies tracking the carcinogenic potential of chemical compounds as follows:

**Carcinogenity**

NTP Regulated            No

IARC Regulated        No

OSHA Regulated        No

**IRITANCY OF PRODUCT:** This product can cause skin and eye irritation.

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**SENSITIZATION TO THE PRODUCT:** These products are not known to cause human skin or respiratory sensitization.  
**REPRODUCTIVE TOXICITY INFORMATION:** Listed below is information concerning the effects of this product and its components on the human reproductive system.

**Mutagenicity:** The components of this product are not reported to produce mutagenic effects in humans.

**Embryotoxicity:** The components of this product are not reported to produce embryotoxic effects in humans.

**Teratogenicity:** The components of this product are not reported to produce teratogenicity effects in humans.

**Reproductive Toxicity:** The components of this product are not reported to produce reproductive effects in humans.

### 12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

**MOBILITY IN SOIL:** This product has not been tested for mobility in soil.

**PERSISTENCE/DEGRADABILITY:** This product have not been tested for persistence or biodegradability. The components may slowly degrade in the environment and form a variety of organic and inorganic materials; however, no specific information is known.

**ENVIRONMENTAL STABILITY:** Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways

**BIOACCUMULATION/ACCUMULATION:** These products have not been tested for bio-accumulation potential.

### 13. DISPOSAL CONSIDERATIONS

**PREPARING WASTES FOR DISPOSAL:** Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

### 14. TRANSPORTATION INFORMATION

**U.S. DOT, IATA, IMO, ADR:**

**U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:** This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101. Non-Regulated

**TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:** These products are not classified as Dangerous Goods, per regulations of Transport Canada.

**INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):** These products are not classified as Dangerous Goods, by rules of IATA.

**INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:** These products are not classified as Dangerous Goods by the International Maritime Organization

**EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):** These products are not classified by the United Nations Economic Commission for Europe to be dangerous goods