



SAFETY DATA SHEET (SDS)

1. Material / preparation and company designation

Product Name: Tri-Art Masking Fluid
Chemical Family: Natural Rubber
Company: Tri-Art Manufacturing
4 Harvey Street
Kingston, ON
Canada, K7K 5B9

Emergency phone (CANADA): 1-888 541-0299 (9 am to 5 pm EST): 1-888-541-0299

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Usage : Painting Medium/ Arts & Crafts for consumer use.

NFPA Hazard Rating: Health 1, Flammability 0, Reactivity 0
HMIS Hazard Rating: Health 1, Flammability 0, Reactivity 0
OSHA Hazardous: No

2. List / Data Components/Ingredients

Chemical name	CAS#	%w/w	Exposure Limits
Ammonia	7664-41-7	<0.3	PEL 50 ppm TLV 25 ppm ACGIH STEL 35 ppm
Nonhazardous as per 29 CFR 1910.1200	None	>99	None Established
Zinc Oxide	1314-13-2	<0.04	10 mg/m ³ -total 5 mg/m ³ -respirable
Tetramethylthiuram disulfide	137-26-8	<0.04	5 mg/m ³

3. Hazard Identification

Primary Route of Exposure: Eye contact, inhalation

4. First aid measures

Inhalation: Remove to fresh air immediately and consult medical attention from a licensed healthcare professional.

Skin contact: Wash affected area immediately in flowing water for at least 15 minutes (carefully remove contaminated or protective clothing while washing) and consult medical attention from a licensed healthcare professional. Wash clothing before reuse.

Eye contact: Flush eyes immediately with plenty of water for 15 minutes including under upper and lower eyelids. Washing eyes within one minute is essential to achieve maximum effectiveness. Remove contact lenses after the first 5 minutes. Obtain medical attention from a licensed healthcare professional as soon as possible.

Ingestion: Drink large quantity water or milk, if possible. Do not induce vomiting. If gastrointestinal develop, get medical care immediately (never give anything by mouth to an unconscious person). The latex will coagulate (solidify) in the digestive tract.

5. Fire & Explosion hazard

Means of Extinction : Water fog, or foam

Flammability : Non- flammable

HazardousCombustion products: Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to hydrocarbons, carbon monoxide and dense smoke.

Explosion Data : Not sensitive to impact and/or static discharge.

6. Accidental release procedures

Personal precautions: Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.

Environmental precautions: Dike and contain spill for possible recovery and to prevent from entering waterways. In Canada call **CANUTEC** at **613-996-6666** (24 hours). In the US report to **CERCLA** at (800)424-8802 (P273/S61).

Methods for cleaning up / taking up: Recover as much as possible; wash floors afterwards with water. Smaller spills may be wiped from surfaces or absorbed onto inert material and handled as solid waste. Place discarded material in closed, labelled containers for disposal. Do not allow material on the ground or into any body of water. Must be disposed of in accordance with local, state, federal and international regulations.

7. Handling and storage

Advice on Handling: Practice reasonable care to avoid repeated, prolonged skin contact. Keep from freezing. Addition of chemicals may cause coagulation. Keep container closed when not in use.

Storage requirements: Protect from freezing. Normal storage conditions. Freezing of latex will significantly alter the properties of this product.

8. Exposure controls

Exposure limits: No information available. Consult local authorities for acceptable exposure limits.

Respiratory protection: None necessary under normal conditions (adequate ventilation). If necessary, use

NIOSH-approved respiratory protection. Properly maintain and have readily available an eyewash/safety shower facility in the work area. Avoid breathing vapour.

Hand protection: Use gloves impervious to this material. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors. Before eating, drinking, smoking or using the toilet, wash face and hands thoroughly with soap and water.

Eye protection: Recommend the use of safety eyewear including splashguards or side shields. If splashing is likely, wear a face shield.

Skin and body: Gloves, Apron or protective coveralls may be needed to help prevent soiling of skin and clothing. Wear proper safety boots. Contaminated clothing and shoes should be cleaned before reuse or disposed of as necessary. Street clothing should be stored separately from work clothing and protective equipment. Work clothing and shoes should not be taken home.

9. Physical and chemical data

Form: Liquid
Colour: Light Blue
Odour: ammonia odour
Boiling point/range: > 100 °C (212 °F)
Freezing point : 0 °C (32 °F)
Flash point: N/A
Flammability: Non-flammable
Autoignition temperatures: N/A
Vapour Density (air=1): 0.624@ 80°F
Solubility in water: Miscible
PH : 9.0 -11.0

10. Stability and reactivity data

Conditions to avoid: Stable under ordinary conditions of use and storage. Maintain storage at 10 – 30C.

Materials to avoid: strong acids and alkalis

Hazardous decomposition products: Thermal decomposition should produce oxides of organic material. Products of thermal decomposition may be harmful.

11. Toxicological properties

Acute toxicity data:
Oral LD50: No information available.
Dermal LD50: No information available.
Inhalation LC50: No information available.

Irritation
Skin: Skin irritant.
Eye: Eye irritant.

Other toxicological information: No information available.

12. Ecological properties

Ecotoxic effects: no data available

Toxicity to other organisms: no data available.

Mobility: No data available.

Bioaccumulation: No data available on the product itself.

13. Disposal conditions

Processing, use or contamination of this product may change the waste management options. Province (State) and local disposal regulations may differ from federal disposal regulations.

Contaminated packaging: Dispose of container and unused contents in accordance with federal and province (state) and local requirements.

14. Transport information

Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

Regulatory Agency: Not Regulated

Proper shipping name: Not Applicable

15. Regulatory Information

SARA: This product does not contain any chemicals reportable under SARA Title 111, Section 313.

W.H.M.I.S Classification: **Not a controlled product.**

TSCA: This product, including all additives, is listed in the U.S. EPA TSCA inventory.

16. Other information:

Hazardous Material Identification System (HMIS) rating/codes:

Health – 1 Flammability – 0 Reactivity – 0 Protective Equipment - B (safety eyewear, gloves)

HMIS uses a numbering scale ranging from 0 – 4 to indicate the degree of hazard.

Values: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Extreme

Legend:

P273 – Avoid release to the environment.

S61 – Do not release product to the environment.

Do not handle until the Manufacture's Safety Precautions have been read and understood. The safety data sheet is only intended to give a description of products with regard to safety requirements. The information contained herein is based on data considered accurate. However, it is not to be taken as a warranty or representation for which Tri-Art Mfg. assumes legal responsibility. Any use of this information and data must be determined by the user to be in accordance with applicable international, federal, provincial, state and local laws and regulations.