SAFETY DATA SHEET

U.S. HazCom GHS Format

Date Issued : 08/11/2025
SDS No : 108
Date Revised : N/A
Revision No : 1

RMA3300

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RMA3300
GENERAL USE: Adhesive for bonding screen printing mesh
RODUCT DESCRIPTION: Adhesive
PRODUCT CODE: RMA3300

MANUFACTURER

RhinoTech Supplies, Inc.
1408 Northland Drive
Mendota Heights, MN 55120
Contact: 651-686-5027
Fax: 651-686-9745
E-Mail: info@rhiotechinc.com
Web: www.rhinotechinc.com

24 HR. EMERGENCY TELEPHONE NUMBERS

ChemTel, Inc. 800-255-3924, International 813-248-0585

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS Health:

Eye Irritation, Category 2A
Target Organ Toxicity (Single exposure), Category 3

Physical:

Flammable Liquids, Category 2

GHS LABEL

Flame

Exclamation mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H225: Highly flammable liquid and vapor.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS

Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.

P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P264: Wash skin thoroughly after handling.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P271:
Use only outdoors or in a well-ventilated area.

Response:

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P370+P378: In case of fire: Use water spray, alcohol resistant foam, dry chemical or carbon dioxide to extinguish.
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. P312:
Call a POISON CENTER/doctor/physician if you feel unwell.

Storage:

P235: Keep cool.
P403+P233: Store in a well-ventilated place. Keep container tightly closed. P405:
Store locked up.

Disposal:

P501: Dispose of contents/container in accordance to federal/state/local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Acetone	70 - 90	67-64-1

4. FIRST AID MEASURES

EYES: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

SKIN: Wash off with soap and plenty of water. Consult a physician.

INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

INHALATION: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Not Available

EXPLOSION HAZARDS: Extremely flammable liquid and vapor. Vapors/dust may cause flash fire or explosion. Vapors can travel to a source of ignition and flash back. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse containers without commercial cleaning or reconditioning.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Water may be ineffective. Water spray to cool containers or protect personnel. Use with caution. Water runoff can cause environmental damage. Dike and collect water used to fight fire.
Small fires: carbon dioxide or dry chemical.
Large fires: alcohol-type aqueous film-forming foam or water spray.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Available **COMMENTS:**

Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wear appropriate personal protective equipment. Eliminate all sources of ignition. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Use water mist or spray to disperse vapors. Collect spilled material for disposal.

Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Remove from surface by skimming or with suitable absorbent. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Clean up spill area with decontaminant solution composed of concentrated ammonia (5 percent), detergent (2 percent), and water (93 percent). Cover spill area with suitable absorbent material. Pour decontaminant solution over spill area and allow to react for at least 10 minutes. Collect material in open-head metal container. Flush spill area with water spray after clean up.

LARGE SPILL: Wear suitable protective equipment. Contain spill. Soak up with absorbent material and transfer to a container for disposal according to local/state/federal regulations.

7. HANDLING AND STORAGE

HANDLING: Use only in a well ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment.

STORAGE: Keep away from heat, sparks, and flame. Store containers in a cool, well ventilated place. Keep container closed when not in use.

SHELF LIFE: 24 months

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
	EXPOSURE LIMITS			
Chemical Name	**Type**		**ppm**	**mg/m³**
Acetone	**OSHA PEL**	**TWA**	1000 [1]	2400 [1]
	ACGIH TLV	**TWA**	500 [2]	[2]
		STEL	750 [2]	[2]

Footnotes:
1. The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors.
2. Eye & upper respiratory tract irritation, central nervous system impairment, hematologic effects, substances for which there is aBiological Exposure Index or Indices. Not classifiable as a human carcinogen.

ENGINEERING CONTROLS: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US).

SKIN: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

RESPIRATORY: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US).

PROTECTIVE CLOTHING: Apron recommended.

WORK HYGIENIC PRACTICES: Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when handling this material: (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics areas with this material stored. (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the restrooms. (3) Wash exposed skin promptly to remove accidental splashes of contact with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Acetone

COLOR: Clear

pH: Not Available

PERCENT VOLATILE: Not Available

FLASH POINT AND METHOD: -17°C (1.4°F) TCC

FLAMMABLE LIMITS: 2.5% (Acetone) to 12.8% (Acetone)

AUTOIGNITION TEMPERATURE: Not Available

VAPOR PRESSURE: Acetone: 533.3 hPa (400.0 mmHg) at 39.5 °C (103.1 °F) 245.3 hPa (184.0 mmHg) at 20.0 °C (68.0 °F) **VAPOR**

DENSITY: Not Available

BOILING POINT: Acetone: 56 °C (133 °F) at 1,013 hPa (760 mmHg) - lit.

MELTING POINT: Acetone: Melting point/range: -94 °C (-137 °F) - lit.

POUR POINT: Not Available

THERMAL DECOMPOSITION: Not Available

SOLUBILITY IN WATER: partial

EVAPORATION RATE: Not Available

SPECIFIC GRAVITY: 0.842

VISCOSITY: Not Available

MOLECULAR WEIGHT: Not Available

(VOC): 0 g/L

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Heat, flames and sparks. Extremes of temperature and direct sunlight.

POSSIBILITY OF HAZARDOUS REACTIONS: Vapours may form explosive mixture with air.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Available

INCOMPATIBLE MATERIALS: Bases, Oxidizing agents, Reducing agents, Acetone reacts violently with phosphorous oxychloride.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD_{50}	DERMAL LD_{50}	INHALATION LC_{50}
Acetone	5800 mg/kg [Rat]	7426 mg/kg [guinea pig]	50100 mg/m3 [rat] 8h

DERMAL LD_{50}: Not yet Determined

ORAL LD_{50}: Not yet Determined

INHALATION LC_{50}: Not yet Determined

CARCINOGENICITY

IARC: Not Listed

NTP: Not Listed

OSHA: Not Listed

12. ECOLOGICAL INFORMATION

BIOACCUMULATION/ACCUMULATION: Does not bioaccumulate.

AQUATIC TOXICITY (ACUTE)

Notes: CAS # 67-64-1: Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 5,540 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates LC50 - Daphnia magna (Water flea) - 8,800 mg/l - 48 h Toxicity to algae Remarks: no data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all current local, state and federal regulations.

EMPTY CONTAINER: Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Adhesives *containing flammable liquid*

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: UN1133

PACKING GROUP: II

LABEL:

SPECIAL SHIPPING NOTES: Do not expose to temperature below 7C/45F

AIR (ICAO/IATA)

SHIPPING NAME: Adhesives *containing flammable liquid*

UN/NA NUMBER: UN1133

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: II

LABEL:

NOTE: Passenger air max: 5L
Packages may not exceed 30kg gross weight

Exceptions: 49 CFR Special Provision 149, Adhesives *containing flammable liquid* **is excepted for transportation as a limited quantity or a consumer quantity, the maximum net capacity specified in 173.150(b)(2) for inner packaging may not exceed 5L (1.3 Gallons)**

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: FIRE HAZARD, ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD

313 REPORTABLE INGREDIENTS: None

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: CAS # 67-64-1 Acetone, RQ=5000 lbs.

Chemical Name	Wt.%	CERCLA RQ
Acetone	70 - 90	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Acetone	67-64-1

TSCA REGULATORY: All components of this product are listed on the TSCA Inventory.

REGULATIONS

STATE REGULATIONS: CAS # 67-64-1 Pennsylvania Right-To-Know Act, New Jersey Right to Know Act, Massachusetts Hazardous Substance, CA Hazardous Substance, Delaware Air Quality Management, Idaho Air Pollutant, Maine Hazardous Air Pollutant, Minnesota Hazardous Substance, New York Hazardous Substance, Washington PELs for Air Contaminants **CALIFORNIA PROPOSITION 65:** None

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION

Flammable Liquid

Toxic

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Controlled Product **WHMIS**

CLASS: B, D

DOMESTIC SUBSTANCE LIST (INVENTORY): All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

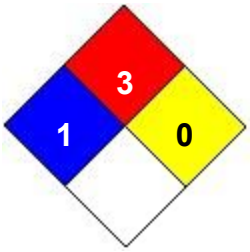
PREPARED BY: SDS Regulatory Specialist **Date Revised:** 03/17/2021 **REVISION**

SUMMARY: This SDS replaces the 02/02/2018 SDS.

HMIS RATING

HEALTH	1
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTEC TION	X

NFPA CODES



HMIS RATINGS NOTES: (X) - site specific

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