SAFETY DATA SHEET

Date issued : 09/23/2026
SDS number : 687

Razor Red Film

1. Identification

Product identifier: Razor Red Film
Product description: Red film
Relevant identified uses: Photostencil Film

Manufacturer / Supplier

SAATI Americas Corporation
Chromaline Screen Print Products
4832 Grand Avenue
Duluth, MN 55807
Customer Service: 1-800-328-4261
E-Mail: info@chromaline.com
Web: www.chromaline.com

Emergency telephone number (24 hour)

INFOTRAC 800-535-5053 or 352-323-3500, 24-hours everyday

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Skin Sensitization, Category 1
Eye Corrosion, Category 1

Environmental hazards:

Chronic Hazards to the Aquatic Environment, Category 3

Label elements

Exclamation mark

Corrosion

Signal word: WARNING

Hazard statement(s)

H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H412: Harmful to aquatic life with long lasting effects.

Precautionary statement(s)

Prevention:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor/physician.

Disposal:

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

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
2-Propenoic acid, reaction products with pentaerythritol	1 - 10	1245638-61-2
Phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide	0.25 - 1	162881-26-7
Ethyl(2,4,6-trimethylbenzoyl) phenyl phosphinate	0.25 - 1	84434-11-7
Polyethylene glycol trimethylnonyl ether	0.3 - 0.6	60828-78-6

4. First-aid measures

Eye: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.

Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Rinse mouth. Never give anything by mouth to an unconscious person. If large quantities are swallowed, call a physician immediately.

Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration and call 911 or emergency medical service.

5. Fire-fighting measures

Suitable extinguishing media: SMALL FIRES: Dry chemical, CO2, water spray or regular foam. LARGE FIRE: Water spray, fog or regular foam.

Hazardous combustion products: Carbon oxides

Fire fighting procedures: LARGE FIRES: Use extinguishing agent suitable for type of surrounding fire. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep unauthorized personnel away. Ventilate closed spaces before entering.

Fire fighting equipment: Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

Large spill: Material is solid and will not spill or leak.

Environmental precautions

Water spill: Do not allow uncontrolled discharge of product into the environment.

7. Handling and storage

Precautions for safe handling: Use good safety and industrial hygiene practices.

Conditions for safe storage: Store in a cool, dry place. Package in opaque containers and/or use additional light-blocking materials.

8. Exposure controls/personal protection

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

Individual protection measures, such as personal protective equipment

Eye / face protection: Safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US).

Skin protection - hand protection: 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 protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Skin protection - other: Apron recommended.

Occupational hygiene 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: Solid

Appearance: Film

Color: Red

Odor: Not relevant

pH: Not relevant

Melting point: Not Available

Initial boiling point and boiling range: Not relevant

Flash point: Not relevant

Evaporation rate (n-butyl acetate = 1): Not relevant

Flammability: Combustible solid

Lower explosion limit / flammability limit: Not relevant

Upper explosion limit / flammability limit: Not relevant

Vapor pressure: Not relevant

Relative vapor density: Not relevant

Density: Not relevant

Solubility: Soluble

Partition coefficient n-octanol/water (logarithmic value): Not Available

Auto-ignition temperature: Not relevant

Decomposition temperature: Not relevant

Viscosity: Not relevant

Explosive properties: Not relevant

Oxidizing properties: Not relevant

Percent volatiles: Not relevant

10. Stability and reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Dangerous polymerization: Will not occur

Chemical stability: UV reactive.

Conditions to avoid: Heat, sunlight

Hazardous decomposition products: Hazardous decomposition products formed under fire conditions - carbon oxides (COx). No decomposition is expected under normal storage and use conditions.

Incompatible materials: Not Available

11. Toxicological information

Acute toxicity

Chemical name	LD_{50} (oral) mg/kg(rat)	LD_{50} (dermal) mg/kg(rabbit)
Phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide	> 2000 mg/kg [Rat]	> 2000 mg/kg [Rat]
Ethyl(2,4,6-trimethylbenzoyl) phenyl phosphinate	> 5000 mg/kg [Rat]	> 2000 mg/kg [Rat]

Notes:

2-Propenoic acid, reaction products with pentaerythritol, 1245638-61-2: Ingestion/Oral-Rat LD50 540 mg/kg; Skin-Rabbit LD50 >2000 mg/kg.

Phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide, 162881-26-7: Ingestion/Oral-Rat LD50 >2000 mg/kg; Skin-Rat LD50 >2000 mg/kg.

Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate, 84434-11-7: Ingestion/Oral-Rat LD50 >5000 mg/kg; Skin-Rat LD50 >2000 mg/kg.

Polyethylene glycol trimethylnonyl ether, 60828-78-6: Ingestion/Oral-Rat LD50 3300 mg/kg; Skin-Rabbit LD50 8874 mg/kg.

Skin corrosion / irritation: Based on available data, the classification criteria are not met

Serious eye damage / irritation: Serious Eye Damage 1

Respiratory or skin sensitization: Skin Sensitizer 1

Germ cell mutagenicity: Based on available data, the classification criteria are not met

Carcinogenicity

Notes: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - single exposure: Based on available data, the classification criteria are not met

Specific Target Organ Toxicity - repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met

12. Ecological information

Aquatic toxicity, both acute and chronic:

2-Propenoic acid, reaction products with pentaerythritol, 1245638-61-2: LC50 - 3.2 mg/l - 96 h; EC50 - 13 mg/l - 48 h; EC50 - 33 mg/l - 72 h.

Phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide, 162881-26-7: LC50 - Danio rerio (zebra fish) - > 0.09 mg/l - 96 h; EC50 - Daphnia magna (Water flea) - > 1.17 mg/l - 48 h; ErC50 - Desmodesmus subspicatus (green algae) - > 0.26 mg/l - 72 h.

Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate, 84434-11-7: LC50 - Danio rerio (zebra fish) - 1.89 mg/l - 96 h; EC50 - Daphnia magna (Water flea) - 2.26 mg/l - 48 h; EC50 - Pseudokirchneriella subcapitata (green algae) - 1.01 mg/l - 72 h.

Polyethylene glycol trimethylnonyl ether, 60828-78-6: LC50 - Pimephales promelas (fathead minnow) - 39 mg/l - 96 h; EC50 - Daphnia magna (Water flea) - 81.0 mg/l - 48 h.

Environmental data: No specific data are available for this product. Handle it according to good working practices.

13. Disposal considerations

Disposal methods: Dispose of in accordance with all current local, state and federal regulations.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Not regulated

ICAO / IATA - air

UN proper shipping name: Not regulated

IMO / IMDG - International

UN proper shipping name: Not regulated

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Eye Corrosion, Skin Sensitization

TSCA (The Toxic Substances Control Act)

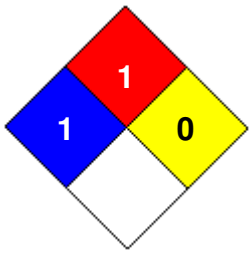
TSCA regulatory: All components of this product are listed on the TSCA Inventory.

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other information

Prepared by: SDS Regulatory Specialist **Date Prepared:** 09/23/2026

NFPA codes



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