



TERATONE 467 SEALER SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: TERATONE 467 SEALER

Manufacturer: Catalina Chemical, 4709 N. Lois Ave. Tampa, FL 33614. Phone: (813) 876-5914

Recommended Use: Coating Solution

Emergency Phone: ChemTel Inc: 1 (800) 255-3924

Other means of identification: UN1139

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification: *Skin irritation Category 2* *Flammable Liquid Category 3*
Aspiration hazard Category 1 *Carcinogen Category 2*
Specific target organ toxicant (central nervous system): Category 3
Specific target organ toxicant (respiratory irritant): Category 3.

Pictogram:



Signal Word: Danger

Hazard Statements:

H226: Flammable liquid and vapor

H304: May be fatal if swallowed and enters airways

H315: Causes skin irritation

H315 + H320 Causes skin and eye irritation

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness

H351 Suspected of causing cancer

H361 Suspected of damaging fertility or the unborn child

H373 May cause damage to organs through prolonged or repeated exposure

Precautionary Statements:

P201: Obtain special instructions before use

P202: Do not handle until all safety precautions have been read and understood

P210: Keep away from heat/sparks/open flames/hot surfaces. -- No smoking

P233: Keep container tightly closed

P240: Ground / bond container and receiving equipment

P241: Use explosion-proof electrical, ventilating, and lighting equipment

P242: Use only non-sparking tools

P243: Take precautionary measures against static discharge

P260: Do not breathe dust/fume/gas/mist/vapors/spray

P261: Avoid breathing mist / vapors

P264: Wash thoroughly after handling
P280: Wear protective gloves and eye/face protection
P281: Use personal protective equipment as required
P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304 + P340 + P312: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/ physician if you feel unwell
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P308+P313: IF exposed or concerned: Get medical advice/attention
P332+P313: If skin irritation occurs: Get medical advice/attention
P331: Do NOT induce vomiting
P362+P364: Take off contaminated clothing and wash it before reuse
P370 + P378: In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish
P403 + P233: Store in a well-ventilated place. Keep container tightly closed
P403 + P235: Store in a well-ventilated place. Keep cool
P405: Store locked up
P501: Dispose of contents and container in accordance with local regulations
Other hazards: Vapors may form explosive mixture with air.

SECTION 3 COMPOSITION ON INGREDIENTS

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush eyes with water. Seek medical attention if irritation persists.

Skin Contact: Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation persists.

Inhalation: If inhaled, remove to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. In case of unconsciousness place patient stably in side position for transportation.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention if symptoms appear.

SECTION 5 · FIRE FIGHTING MEASURES

Suitable Extinguishing media: Alcohol-resistant foam, dry chemical or carbon dioxide.

Hazardous combustion products: Oxides of carbon and various hydrocarbons

Fire Fighting Procedures: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Unusual Fire and Explosion Hazards: Containers can build up pressure if exposed to heat and/or fire. Containers may explode in the heat of a fire. Vapors will form an explosive mixture with air. Vapors will travel to a source of ignition and flash back.

Unsuitable extinguishing media: High volume water jet

SECTION 6. ACCIDENTAL RELEASE MEASURES

Provide adequate ventilation. Evacuate all non-essential personnel from the spill area. Eliminate all ignition sources. Beware of vapors accumulating to form explosive concentrations. Suitable protective clothing should be worn. Shut off or plug source of spill. Absorb on inert media and collect into suitable container. Salvage as much re-useable liquid as possible into a suitable container. Contain spillage, and then collect with noncombustible absorbent

material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

SECTION 7 · STORAGE AND HANDLING

Handling: Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed and tightly sealed when not in use. Avoid contact with skin and eyes. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.

Conditions for safe storage: Keep in properly labeled containers. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations. Keep away from heat and sources of ignition.

Materials to avoid: Do not store with the following product types: Strong oxidizing agents, Explosives, Gases.

SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION

Permissible Exposure Limit: 50 ppm ACGIH; 100 ppm OSHA

Engineering Controls: Use explosion-proof ventilation equipment. Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of will vary depending upon potential exposure conditions.

Personal Protective Equipment (PPE):

Eyes: Wear appropriate, tightly fitting protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Skin: Wear appropriate protective gloves.

Clothing: Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items.

Respirators: Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Odor: strong aromatic

Odor threshold; no data available

pH: N/A

Melting point/freezing point: -14°F

Initial boiling point and boiling range: 277°F

Flash point: 80°F

Evaporation rate: .27

Flammability: liquid and gas vapor

Flammability limits: Lower: 1 Upper: 7

Vapor pressure: 2-6 mmHg

Relative density: .874

Solubility: N/A

Auto-ignition temperature: 905°F

Decomposition temperature: no data available

VOC: 1.09 lb./gallon, 130.66 g/L

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not classified as a reactivity hazard.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Combustible liquid. Vapors may form explosive mixture with air. Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Safe handling conditions must be maintained by keeping vapor concentrations within the occupational exposure limit.

Conditions to avoid: Keep away from heat, flame and other potential ignition sources.

Incompatible materials: Oxidizing agents, Nitric acid, Sulfuric acid

Hazardous decomposition products: none

SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure: inhalation, ingestion, skin and eye contact

Signs and Symptoms of Overexposure:

Skin: Contact can cause redness and irritation. Severity depends on the amount and duration of exposure.

Eyes: Vapors are irritating to the eyes. Liquid contact will cause stinging and tearing.

Inhalation: Excessive inhalation of high concentrations may be harmful. Mist or vapor can irritate the throat and lungs. Breathing this material may cause central nervous system depression.

Ingestion: If swallowed this material may irritate the mucous membranes of the mouth throat and esophagus.

Aspiration of this material into the lungs may result in damage or death.

SECTION 12 · ECOLOGICAL INFORMATION

Ecotoxicity: Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Mobility: Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.

Biodegradation: Not readily biodegradable.

Atmospheric Oxidation: Expected to degrade rapidly in air.

SECTION 13 · DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical should be classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SECTION 14 · TRANSPORTATION

UN number: UN1139

UN proper shipping name: Coating Solution

Transport hazard class: 3

Packing group: 3

Environmental hazards: see above

Special precautions: See SECTION 2

SECTION 15 · REGULATORY INFORMATION

OSHA Hazards: Flammable liquid, Carcinogen, Mild skin irritant, Mild eye irritant

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA Section 311/312 (40 CFR 370) Hazard Categories: Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SECTION 16 · OTHER INFORMATION

MSDS Revision Date: May 2016

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