




## Section 1 – Identification

SUPPLIER:	Superior Adhesives & Tools	NOTE: Blank spaces are not permitted. If no relevant information is found for any given subheading within a section, the SDS shall clearly indicate that no applicable information is available.	
ADDRESS:	14000 Carlson Parkway Plymouth, MN 55441	Emergency Telephone Number (CHEMTREC)	(800) 424-9300
TELEPHONE:	888-398-6595	Telephone Number for Information	(888) 398-6595
Product Identifier (as used on Label, SDS and list)		Recommended use of the chemical and restrictions on use: This product is used on various surfaces to promote water repellency. Use only in well-ventilated areas.	
<div>Max Seal</div>			
Max Seal is available in pints and quarts.			
Other means of identification: none			

## Section 2 – Hazard Identification

Flammable liquids	Category: 3	Signal Word: WARNING
Aspiration hazard	Category: 1	Signal Word: WARNING
Serious Eye Damage / Irritation	Category: 2A	Signal Word: WARNING
Reproductive toxicity	Category: 2	Signal word: WARNING
  	Hazard Statements: FLAMMABLE LIQUID AND VAPOR. MAY BE FATAL IF SWALLOWED OR INHALED; CAUSES SERIOUS EYE IRRITATION; CAUSES SKIN IRRITATION; MAY CAUSE CANCER; MAY CAUSE DAMAGE TO ORGANS	
	Precautionary Statements:	
	PREVENTION: Do not breathe fumes; use only outdoors or in a well-ventilated area Wash thoroughly after handling Obtain special instructions before use Do not eat, drink or smoke when using this product Do not handle until all safety precautions have been read and understood Wear protective gloves/protective clothing/eye protection/face protection In case of inadequate ventilation wear respiratory protection.	
	RESPONSE: If inhaled: Remove the person to fresh air and keep comfortable for breathing Immediately call a poison control center or doctor If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment is urgent. (See First Aid Measures) If on skin: Wash with plenty of water. If skin or eye irritation occurs/persists: Get medical advice/attention If exposed or concerned: Call a poison center/doctor. Take off contaminated clothing and wash it before reusing.	
	STORAGE: Store locked up in a well-ventilated place with container tightly closed.	
DISPOSAL: Do not dispose of down drains. Dispose of per federal, state, and local regulations.		

## Section 3 – Composition/Ingredients (\* = trade secret)

Chemical Name	Common Name and synonyms	CAS No.	Percentage
Naphtha	Petroleum naphtha, heavy alkylate	64741-65-7	80-90
Proprietary	Proprietary	Proprietary	1-20
Diocetyl tin dilaurate	Di-n-octyltin dilaurate, Bis(lauroyloxy)diocetyl tin, Diocetyl dilauryltin	3648-18-8	0.1-2.5
Methanol	Methyl alcohol, Wood alcohol, Wood spirit	67-56-1	0.1-1.0

## Section 4 – First Aid Measures

**INHALATION:** If inhaled: Remove the person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. Inhalation of large amounts of Max Seal requires immediate medical attention.

**SKIN CONTACT:** If on skin, wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Seek medical treatment in all cases of prolonged wet skin exposure to Max Seal. Take off contaminated clothing and wash it before reuse.

**EYE CONTACT:** If in eyes: Rinse cautiously with water for 15-20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**INGESTION:** If swallowed: Call Poison Control Center 800-222-1222. Do not induce vomiting. Rinse mouth. May cause burns to mouth, throat and stomach.

**MOST IMPORTANT SYMPTOMS/EFFECTS:** Acute: May cause mild or severe irritation. Exposure to fumes or misting may cause immediate or delayed irritation or inflammation.

Delayed: Prolonged exposure can cause severe skin damage in the form of caustic chemical burn. An allergic response is possible.

**IMMEDIATE MEDICAL ATTENTION/SPECIAL TREATMENT:** Emergency Medical Services/Poison Control Center

## Section 5 – Fire-Fighting Measures

**SUITABLE EXTINGUISHING MEDIA:** Max Seal is a flammable liquid and vapor. It can be extinguished using CO<sub>2</sub>, Foam or Dry Chemical (AB, BC, ABC) extinguishers

**SPECIAL FIRE-FIGHTING PROCEDURES:** Wear self-contained breathing apparatus with full-face mask and fire-fighter protective clothing when fighting fires.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Flammable liquid and vapor. Vapors/dust may form an explosive mixture with air.

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.

Closed container may explode under extreme heat.

Max Seal	
<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>2</b>
<b>PHYSICAL HAZARDS</b>	<b>0</b>

NFPA Rating: Health: 1 Flammability: 2 Reactivity: 0

## Section 6 – Accidental Release Measures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.) Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. May cause slipping hazard. 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. Collect spilled materials for disposal. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Absorb spills with inert material (e.g. dry sand or earth), then place in a chemical waste container. Recover by pumping (use an explosion proof or hand pump). Wash walking surfaces with detergent and water to reduce slipping hazard.

## Section 7 – Handling and Storage

**PRECAUTIONS FOR SAFE HANDLING:** Use only in a well-ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. Take precautionary measures against static discharge. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Always open containers slowly to allow any excess pressure to vent. Follow all SDS/label precautions even after containers are emptied because they may retain product residues.

**CONDITIONS FOR SAFE STORAGE INCLUDING INCOMPATIBILITIES:** Keep away from heat, sparks, and flame. Store containers in a cool, well-ventilated place. Keep from freezing. Keep the container closed when not in use. Protect from direct sunlight.

## Section 8 – Exposure Controls/Personal Protection

Component	OSHA PEL; TWA (8-Hr TWA)	ACGIH TLV
Diocetyl tin dilaurate	(Vacated) 0.1 mg/m <sup>3</sup> (STEL 0.2 mg/m <sup>3</sup> )	TWA: 0.1 mg/m <sup>3</sup> (STEL: 0.2 mg/m <sup>3</sup> Skin)
Methanol	200 ppm (260 mg/m <sup>3</sup> ) (IDLH 6000 ppm)	200 ppm (STEL 250 ppm)
Naphtha	500 ppm (2900 mg/m <sup>3</sup> ) (IDLH 1,100 ppm)	100 ppm

(T) = Total particulate

(R) = Respirable fraction \*10/%SiO<sub>2</sub> + 2

PNOR = Particulates not otherwise regulated

APPROPRIATE ENGINEERING CONTROLS: Use sufficient local exhaust ventilation.

VENTILATION: Use only with adequate ventilation.

LOCAL EXHAUST: To control flammable/combustible vapors: Local exhaust ventilation which meets the requirements of ANSI Z9.2 is recommended to control airborne contaminants at the point of use. (to maintain concentration below TLV) .

Re: Methanol (CAS-no. 67-56-1): STEL is 250 ppm, skin notation (ACGIH); STEL is 250 ppm, skin notation (NIOSH).

PERSONAL PROTECTIVE EQUIPMENT: Use ANSI-approved Z87 eye protection and chemical resistant gloves.

RESPIRATORY PROTECTION: Respiratory protection is not normally required but recommended.

EYE/FACE PROTECTION: Under normal conditions, wear safety glasses with side shields or safety goggles that meet the ANSI Z87 standard. DO NOT wear contact lenses.

HAND PROTECTION: Wear chemical protective gloves. DO NOT rely on barrier creams; barrier creams should not be used in place of chemical-resistant gloves. Butyl rubber, neoprene or nitrile gloves are recommended.

PROTECTIVE CLOTHING: Where there is risk of splashing: tight fitting chemical safety goggles.

## Section 9 – Physical and Chemical Properties

APPEARANCE: Liquid	ODOR: Typical
pH: N/A	MELTING PT/FREEZING PT: N.D.
BOILING POINT: 372-482	FLASH POINT: 110
FLAMMABILITY: N/A	EVAPORATION RATE: 0.07 (butyl acetate = 1) [Calculated]
VAPOR DENSITY: N.D.	RELATIVE DENSITY: 1.027 g/cm <sup>3</sup>
VAPOR PRESSURE: N.D.	EXPLOSIVE LIMITS: N.D.
PARTITION COEFFICIENT: N.D.	VISCOSITY: N.D.
DECOMPOSITION TEMPERATURE: N.D.	SOLUBILITY IN WATER: Reacts

## Section 10 – Stability and Reactivity

REACTIVITY: None

CHEMICAL STABILITY: Stable under normal conditions

POSSIBILITY OF HAZARDOUS REACTIONS: Under normal conditions and use, hazardous reactions will not occur.

CONDITIONS TO AVOID: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.

INCOMPATIBLE MATERIALS: Reactive or incompatible with the following materials: oxidizing materials

HAZARDOUS DECOMPOSITION PRODUCTS: Will not spontaneously occur. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11 – Toxicological Information

Routes of Entry: Inhalation: YES      Ingestion: YES      Eye: YES      Skin: YES

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS: Not expected to be a skin sensitizer. Not expected to cause organ damage from a single exposure. No end point data for material. Not expected to cause cancer. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 451

OTHER INFORMATION: Vapor/aerosol concentrations above recommended exposure levels are irritating to the eyes and respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects including death. Prolonged and/or repeated skin contact with low viscosity materials may defat the skin resulting in

<p>possible irritation and dermatitis. Exposure to this material, or one of its components, in situations where there is the potential for high levels, such as in confined spaces or with abuse, may result in abnormal heart rhythm (arrhythmia). High-level exposure to hydrocarbons (above occupational exposure limits) may initiate arrhythmia in a worker that is undergoing stress or is taking a heart-stimulating substance such as epinephrine, a nasal decongestant, or an asthma or cardiovascular drug. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.</p>		
<p>LC50/LD50: Oral LD50, rat: Not determined  Oral LD50, rabbit: Not determined  Inhalation LC50, mouse: Not determined  Dermal LD50, rat: Not determined</p>		
<p><b>Section 12 – Ecological Information (Non-mandatory)</b></p>		
ECOTOXICITY: No recognized unusual toxicity to plants or animals	BIO ACCUMULATIVE POTENTIAL: None	OTHER ADVERSE EFFECTS (such as hazardous to the ozone layer): None known
PERSISTENCE AND DEGRADABILITY: Stable under normal conditions	MOBILITY IN SOIL: Minimal to low	
<p><b>Section 13 – Disposal Considerations (Non-mandatory)</b></p>		
<p>WASTE DISPOSAL OF SUBSTANCE: Dispose of waste in accordance with all local, state and federal regulations.</p>		
<p>CONTAINER DISPOSAL: Dispose of in accordance with federal, state and local regulations.</p>		
<p>RCRA: None listed</p>		
<p><b>Section 14 – Transport Information (Non-mandatory)</b></p>		
<p>DOT, IATA, IMO/IMDG SHIPPING INFORMATION</p>		
UN Identification Number: N/A	DOT Shipping Name: N/A	
Hazard Class: N/A	IMDG- P.S.N.: N/A	
IATA-P.S.N.: N/A	IMDG-Class: N/A	
IATA-CLASS: N/A	IMDG-Marine Pollutant: No	
IATA-Packing Group: N/A	IMDG-Packing Group: N/A	
<p><b>Section 15 – Regulatory Information (Non-mandatory)</b></p>		
<p>U.S. SARA REPORTING REQUIREMENTS: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:  Chemical Name: Methanol      CAS-No.: 67-56-1</p>		
<p>SARA 311/312: Immediate and Delayed Health effects; YES      Fire Hazard; YES      Pressure; NO</p>		
<p>U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20</p>		
<p>U.S. CERCLA REPORTABLE QUANTITY (RQ): None</p>		
<p>U.S. TSCA INVENTORY STATUS: No TSCA components exist in this product</p>		
<p>TSCA SIGNIFICANT NEW USE RULE: None of the chemicals in this mixture have a SNUR under TSCA.</p>		

<p>CLEAN AIR ACT: This material does not contain any hazardous air pollutants  This material does not contain any Class 1 Ozone depleters  This material does not contain any Class 2 Ozone depleters</p>		
<p>CLEAN WATER ACT: None of the chemicals in this mixture are listed as Hazardous Substances under the CWA</p>		
<p>OSHA: None of the chemicals in this mixture are considered highly hazardous by OSHA</p>		
<p>CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product contains chemicals that are not classified as a substance known to the state of California to be a carcinogen.</p>		
<p>California Significant Risk Level: This product contains no chemicals known to the State of California to cause cancer.  California Inhalation Reference Exposure Level (REL): California established a chronic REL of 3 ug for silica (crystalline, respirable). A chronic REL is an airborne level of a substance at or below which no adverse health effects are anticipated in individuals indefinitely exposed to the substance at that level.</p>		
<p>OTHER STATE SPECIFIC REGULATIONS:  Pennsylvania Worker and Community Right to Know Act: 64741-65-7 Naphtha (petroleum), heavy alkylate 70 - 90 %  New Jersey Right to Know Act: 64741-65-7 Naphtha (petroleum), heavy alkylate 70 - 90 %  Massachusetts Right to Know Act: No components are subject to the Massachusetts Right to Know Act.</p>		
<h2 style="text-align: center;">Section 16 – Other Information</h2>		
<p>PREPARED BY: Bryan Cleavenger                      DATE ORIGINAL PREPARED: January 27, 2025                      LAST UPDATED: N/A  EMAIL ADDRESS: Bryan@cleavengercompliance.com</p>		
<p>This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.</p> <p>All reasonably practicable steps have been taken to ensure this data sheet and the health, safety, and environmental information contained in it is accurate as of the date specified above. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet. The data and advice given apply when the product is sold for the stated application or applications. The user should not use this product other than for the stated application without seeking advice from Superior Adhesives &amp; Tools. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Superior Adhesives &amp; Tools shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this SDS. Employers have a duty to tell employees and others who may be affected by any hazards described in this SDS and of any precautions that should be taken. It is encouraged that all end users of this product be familiar with current state regulations where this product is being used that may impact EPA reporting requirements. Regulatory requirements are subject to change and may differ between various locations and states. The customer/buyer/user is responsible to ensure that their activities comply with all federal, state, or local laws and regulations. Alteration of this document is strictly prohibited.</p>		