

MATERIAL SAFETY DATA SHEET

Kennel-Seal- MSDS DCS1889591 1995-2014 TM Updated: February 18, 2014

SECTION I IDENTIFICATION

A Tricopolymer™ Liquid used to seal Animal pens, dog houses and enclosures. Water-based clean-up, non-toxic when wet or dry.

Product Name: kennel-Seal www.kennel-seal.com
Product class: Water reducible Tricopolymer™ Liquid
Product Use: Surface Sealant-**Product Code:** UPC 738435859633

MANUFACTURER:

TriSealUSA, LLC
6625 Hwy 53 East- Suite 410-88,
Dawsonville, Georgia-USA
1-800-650-0553

24 HOUR EMERGENCY ASSISTANCE

TriSealUSA, LLC
1-800-650-0553 or 678-699-3704
or call your local poison control center

GENERAL MSDS ASSISTANCE - TriSealUSA, LLC

Attn: Michael Berry-Managing Partner
1-800-650-0553
678-699-3704



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SECTION II HAZARD(S) IDENTIFICATION

Appearance And Odor:

Liquid is white emulsion with mild odor
Cured product is clear when dry without odor

Liquid Product: HEALTH HAZARD:0 FIRE HAZARD:0 REACTIVITY:0 CONTACT:0

Cured Product: Non-Flammable, Non-Carcinogenic, Non-Irritating, Non-Toxic

THE HEALTH EFFECTS NOTED BELOW ARE CONSISTENT WITH REQUIREMENTS UNDER THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

Eye Contact:

Liquid may be slightly irritating to eyes (if used improperly)

Skin Contact:

Liquid contact to intact skin is expected to be only slightly irritating to the skin but no serious dermatitis hazard is anticipated. Proper wash-up after application and before film dries are recommended.

Inhalation:

No vapor is to be expected; however, particulate matter may become airborne when applying this product. Observe OSHA rules and regulations.

Ingestion/Swallowing:

Liquid is not expected to be toxic.

Signs And Symptoms:

Mild to moderate irritation to eyes and skin as noted.

Aggravated Medical Conditions:

Persons with preexisting eye or skin disorders or impaired liver or kidney may be more susceptible to the affects of liquid exposure to this product.

Other Health Effects:

None.

Carcinogenicity:

This material does not contain any chemical listed by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or regulated by the Occupational Safety and Health Administration (OSHA) as a carcinogen.

SECTION III COMPOSITION/INFORMATION ON INGREDIENTS

NO.	COMPOSITION	CAS NO.	PERCENT
1.	Tricopolymer™	Proprietary	99%
2.	Wetting agents (nonionic and cationic)		<1%

SECTION IV FIRST-AID MEASURES

Eye Contact:

Immediately flush eyes with water for at least fifteen minutes, lifting lower and upper eyelids occasionally. If irritation persists for more than 30 minutes, seek medical attention.

Skin Contact:

Remove saturated clothing/shoes. Wash skin with soap or mild detergent and water for at least 15 minutes. If irritation develops or persists, seek medical attention.

Inhalation:

No vapor is expected, but if airborne particles are inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion:

If conscious, give person 1 to 2 glasses of water and then induce vomiting immediately as directed by medical personnel. Get immediate medical attention. Never give anything by mouth to an unconscious person. Children- should seek immediate physician's advice.

Note To Physician:

If more than 2.0 ml per kg has been ingested and vomiting has not occurred,

emesis should be induced with supervision. Keep victim's head below hips to prevent aspiration. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

SECTION V FIRE-FIGHTING MEASURES

Flash Point(closed cup): >171°F (ASTM D93)

Flammable Limits:

Lower Explosive Limit (LEL): None

Upper Explosive Limit (UEL): None

Extinguishing Media:

Liquid product does not burn. The product will only burn after the water it contains is driven off. For cured product use carbon dioxide, foam, dry chemical or water fog to extinguish fire. Aqueous solution is not flammable.

Special Fire Fighting Procedures and Precautions: None

Unusual Fire and Explosion Hazards: None

SECTION VI ACCIDENTAL RELEASE MEASURES

Small Spill:

Take up with an absorbent material and dispose of at any landfill.

Large Spill:

Containment Technique: Stop spilled material from being released into the environment. Vacuum material up or dry then pick up remaining plastic. Wet area and clean up before product dries. Ventilate the space involved. Wash area well.

Clean-up Procedures: Wear suitable protective equipment. Transfer to containers by suction, preparatory for later disposal. Place in suitable containers for recovery or disposal. Flush area with water spray. Wash contaminated property before the product cures. See Section 13 for disposal assistance. Wash area well.

Special Instructions (for accidental release):

Spilled product is very slippery. Use care to avoid falls. A film will form on drying. Remove saturated clothing and wash contacted skin area with soap and water.

SECTION VII HANDLING AND STORAGE

Storage:

Do not allow product to freeze or stand in direct sunlight. Keep containers closed when not in use to minimize contact with air.

Handling: Use only in well-ventilated areas. Avoid contact with eyes. Avoid

breathing vapors. Avoid prolonged or repeated contact with skin. Maintain general hygiene practices when using this product. Wear disposable clothing.

SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

General industrial hygiene practices should be employed when using this product.

Personal Protective Equipment:

Eye Protection: Safety glasses with top and side shields
Skin Protection: Disposable gloves; Coveralls; Shoes
Inhalation Protection: NIOSH Mask, Adequate ventilation until dry

Precautionary Measures:

Avoid contact with skin and eyes. Wash thoroughly after handling

Exposure Limits:

PEL(OSHA): Not established
TLV (ACGIH): Not established

SECTION IX PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Liquid
Color:	Milky White (transparent when cured)
Odor:	Mild/Slight (odorless when cured)
pH	Not Determined
Boiling Point:	> 100.00°C (>212.00°F)
Freezing Point:	<0°C (<32°F)
Specific Gravity (H₂O = 1):	Not Determined
Vapor Pressure (Mm Hg):	Not Determined
Melting Point (°F):	N/A
Solubility In Water:	Infinitely Dispersed
Vapor Density (Air = 1):	N/A Voc: <0% 9.4 Lb/Gal at 77°F
Evaporation Rate	
(Normal Butyl Acetate = 1):	<0.1

SECTION X STABILITY AND REACTIVITY

Stability:

Stable under ordinary conditions of use and storage. Agglomeration may occur following freezing or boiling.

Hazardous Polymerization:

Will not occur

Incompatibility:

Strong acids

Hazardous Decomposition Products:

Carbon monoxide and unidentified organic compounds may be formed during combustion. Thermal decomposition may produce various hydrocarbons and irri-

tating, acrid vapors.

SECTION XI TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀:

>25 mL/kg (Rat)

Acute Dermal LD₅₀:

> 5 mL/kg (Rabbit)

Acute Inhalation LD₅₀:

No mortality at 592 PPM/4H (Rat)

Chronic/Carcinogenicity:

This product does not contain any chemical currently listed by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or regulated by the Occupational Safety and Health Administration (OSHA) as a carcinogen.

SECTION XII ECOLOGICAL INFORMATION

Ecotoxicity:

Common Name	Genus/species	Test Type	LC₅₀/Survival (%)	Comment
Rainbow Trout	<i>Oncorhynchus mykiss</i>	96-Hour Acute	>1,000 mg/L	
Water Flea	<i>Daphnia magna</i>	96-Hour Acute	>1,000 mg/L	
Sheepshead Minnow	<i>Cyprinodon variegatus</i>	96-Hour Acute	>10,000 mg/L	
Mysid Shrimp	<i>Americamysis bahia</i>	96-Hour Acute	>1,000 mg/L	
Fathead Minnow	<i>Pimephales promelas</i>	96-Hour Acute	100%	Leachate from cured product

Environmental Fate:

MFG.Considered Eco-green-cradle to grave.

SECTION XIII DISPOSAL CONSIDERATIONS

Hazard Class:

The product in its purchased form is not a hazardous waste as characterized by the Federal Resource Conservation and Recovery Act (RCRA) under 40 CFR 261 or the California hazardous waste control law under CCR Title 22, Division 4.5. Disposal of the product is not regulated under RCRA or the California Department of Toxic Substances Control (DTSC). Individual state or local

hazardous waste regulations may apply if they differ from those required by RCRA or DTSC. Consult federal, state and local regulations to ensure that this product and its containers, if discarded, are disposed of in compliance with all regulatory requirements.

Disposal:

The wastes resulting from the direct use of this product may be disposed of onsite or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal. Product imparts a milky white color to contaminated waters. Foaming may result. Sewage treatment plants may not be able to remove the white color imparted to the water. NOTE: As supplied or diluted, product material (foam included), when splashed on automobiles or other personal property, is difficult to remove if allowed to dry.

SECTION XIV TRANSPORTATION REQUIREMENTS

Department Of Transportation (DOT) Classification:

Class 3 (nonflammable liquid), III –Class 55

DOT Proper Shipping Name:

Tricopolymer Liquid solution

DOT Hazard Class: Non-Toxic

DOT Non-Bulk Shipping Name:

Refer to Bill of Lading - Not DOT Regulated // Keep from Freezing // Not dangerous goods

SECTION XV REGULATORY INFORMATION

TSCA Section 8(b) Inventory Status:

All components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

TSCA Section 12(b) Export Notification:

This material does not contain any components that are subject to the U.S. Toxic Substances Control Act (TSCA) Section 12 (b) Export Notification requirements.

OSHA Hazard Communication Standard (29 CFR 1910.1200) hazard class(es):

This material is not classified as hazardous under the criteria of the U.S. Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200

EPA SARA Title III Section 304 CERCLA:

Reportable quantities have not been established for any of this material's components.

EPA SARA Title III Section 311/312 HAZARD COMMUNICATION STANDARD (HCS):

This material is not a hazardous chemical.

EPA SARA Title III Section 313 TOXIC CHEMICAL LIST (TCL)

This product does not contain Section 313 Reportable Ingredients.

EPA RCRA:

This product is not regulated under RCRA

EPA Clean Air Act (1990):

This product does not contain nor was it directly manufactured with any Class I or Class II ozone depleting substances per 40 CFR Part 82.

State Regulations:

California: This product is not regulated as a hazardous waste under CCR Title 22, Division 4.5., and passes prop 65.

SECTION XVI OTHER INFORMATION

The information contained herein is based on the data available to us and is believed to be correct. However, TriSealUSA,LLC makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. TriSealUSA,LLC assumes no responsibility for injury or misuse of the product described herein. If you wish to receive updates to this information please contact TriSealUSA,LLC general MSDS assistance line at 1-800-650-0553, or by facsimile at 770-818-5414.

User Responsibility:

Each user should read and understand this information and incorporate it in individual site safety programs in accordance with applicable hazard communication standards and regulations.

**BE SAFE. READ OUR PRODUCT
INFORMATION...AND
PASS IT ON. (PRODUCT
LIABILITY LAW REQUIRES IT)**

TriSealUSA,LLC **SAFETY**
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