



SAFETY DATA SHEET 25131

InnoviSeal TPO Cut Edge Sealant (LVOC)

SECTION 1 – SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

PRODUCT NAME	InnoviSeal TPO Cut Edge Sealant (LVOC)
TRADE NAME	57066 E - 7093 Clear TPO Cut Edge Sealant
PRODUCT NUMBER	6100019
CHEMICAL FAMILY	Mixture composed of additives and resins in solvents
PRODUCT USE	Relevant uses: Adhesive. For professional users/industrial user only. Uses advised against: All uses not specified in this section or in section 7.
MANUFACTURER/SUPPLIER	The Ruscoe Company 485 Kenmore Blvd 44301 Akron - United States Phone: 330-253-8148 Sales@Ruscoe.com; SDS@Ruscoe.com www.ruscoe.com
WEBSITE	www.iko.com
EMERGENCY NUMBER	Chemtrec 1-800-424-9300 (24 hours information only)

SECTION 2 – HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

SIGNAL WORD Warning

SYMBOL(S)



CLASSIFICATION
Carcinogenicity, Category 2
Flammable liquids, Category 3
Reproductive toxicity, Category 2
Sensitisation, skin, Category 1B
Specific target organ toxicity, repeated exposure, Category 2

HAZARD STATEMENTS
H317 - May cause an allergic skin reaction.
H226 - Flammable liquid and vapour.
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.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



SAFETY DATA SHEET 25131

InnoviSeal TPO Cut Edge Sealant (LVOC)

P280: Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P308+P313: IF exposed or concerned: Get medical advice/attention.
P370+P378: In case of fire: Use ABC powder extinguisher to put it out.
P403+P235: Store in a well-ventilated place. Keep cool.
P501: Dispose of contents and / or containers in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

Substances that contribute to the classification
4-chloro- α,α,α -trifluorotoluene (CAS: 98-56-6); Toluene (CAS: 108-88-3)

Additional labeling:



WARNING

This product can expose you to chemicals including 4-chloro- α,α,α -trifluorotoluene, which is [are] known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

NFPA

No information available.

HMIS

No information available.

SECTION 3 – CHEMICAL COMPOSITION AND DATA ON COMPONENTS

CHEMICAL DESCRIPTION: Mixture composed of additives and resins in solvents.

COMPONENTS: Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of 1910.1200. Therefore, in accordance with Appendix D to 1910.1200, the product contains:

CHEMICAL NAME	% (w/w)	CAS NUMBER
4-chloro- α,α,α -trifluorotoluene	50 – <75%	98-56-6
Toluene	2.5 – <10%	108-88-3
Benzene, ethenyl-, polymer with 2-methyl-1, 3-butadiene, hydrogenated	2.5 – <10%	68648-89-5

SECTION 4 – FIRST AID

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

INHALATION

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.



SAFETY DATA SHEET 25131

InnoviSeal TPO Cut Edge Sealant (LVOC)

INGESTION	Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.
SKIN CONTACT	Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.
EYE CONTACT	Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.
ACUTE AND CHRONIC SYMPTOMS	Acute and delayed effects are indicated in sections 2 and 11.
MEDICAL ATTENTION	Not applicable (N/A).

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	<p>Suitable extinguishing media: If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO₂).</p> <p>Unsuitable extinguishing media: IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.</p>
FIRE FIGHTING	<p>As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition.</p> <p>In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.</p> <p>As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.</p>
FLAMMABILITY	Not applicable
PROPERTIES:	
FLASH POINT	101 °F
FLAMMABLE	No information available



SAFETY DATA SHEET 25131

InnoviSeal TPO Cut Edge Sealant (LVOC)

LIMITS IN AIR

AUTO IGNITION 997 °F
TEMPERATURE

SPECIAL PPE FOR FIRE-FIGHTERS Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE MEASURES AND EMERGENCY PROCEDURES

For non-emergency personnel:
Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

For emergency responders:
Wear protective equipment. Keep unprotected persons away. See section 8.

ENVIRONMENTAL PRECAUTIONS

It is recommended to avoid environmental spillage of both the product and its container.

SPILL MANAGEMENT

For accidental releases in excess of reportable quantities (RQ) (Table 302.4), refer to 40 CFR 302 for detailed instructions concerning reporting requirements and notify the National Response Center (800) 424-8802.

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

SECTION 7 - HANDLING AND STORAGE

HANDLING PROCEDURE

A.- General precautions for safe use
Comply with the current standards 29 CFR 1910 Occupational Safety and Health Standards. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions Because the product is a flammable liquid, storage should meet the requirement of 29 CFR 1910.106, Flammable and



SAFETY DATA SHEET 25131

InnoviSeal TPO Cut Edge Sealant (LVOC)

Combustible Liquids Code. Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems and with the minimum requirements for protecting the security and health of workers. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene
PREGNANT WOMEN SHOULD NOT BE EXPOSED TO THIS PRODUCT. Transfer in fixed places that comply with the necessary security conditions (emergency showers and eyewash stations in close proximity), using personal protection equipment, especially on the hands and face (See section 8). Limit manual transfers to containers of small amounts. Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks
It is recommended to have absorbent material available at close proximity to the product (See subsection 6).

STORAGE PRECAUTIONS

A.- Technical measures for storage

Minimum Temp.: 41 °F

Maximum Temp.: 90 °F

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see section 10.

Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

CONTROL PARAMETERS

Substances whose occupational exposure limits have to be monitored in the workplace:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):

IDENTIFICATION	OCCUPATIONAL EXPOSURE LIMITS		
Toluene CAS: 108-88-3	8-hour TWA PEL	200 ppm	300 mg/m ³
	Ceiling values - TWA PEL		

US. ACGIH Threshold Limit Values (2022):

IDENTIFICATION	OCCUPATIONAL EXPOSURE LIMITS
----------------	------------------------------

InnoviSeal TPO Cut Edge Sealant (LVOC)

Toluene CAS: 108-88-3	TLV-TWA	20 ppm	
	TLV-STEL		

CALIFORNIA- TABLE AC-1 PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS:

IDENTIFICATION	OCCUPATIONAL EXPOSURE LIMITS		
Toluene CAS: 108-88-3	PEL	10 ppm	37 mg/m ³
	STEL	150 ppm	560 mg/m ³

BIOLOGICAL LIMIT Values:

Biological Exposure Indices (BEIs®) - ACGIH


IDENTIFICATION	BEIs®	Determinant	Sampling Time
Toluene CAS: 108-88-3	0.02 mg/L	Toluene in blood	Prior to last shift of workweek

APPROPRIATE ENGINEERING CONTROLS:


A.- Individual protection measures, such as personal protective equipment

Always provide effective general and, when necessary, local exhaust ventilation to maintain the ambient workplace atmosphere below the exposure limits.. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For additional information see subsection 7. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

B.- RESPIRATORY PROTECTION

Pictogram	PPE	Remarks
 Mandatory respiratory tract protection	Filter mask for gases and vapours	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment. Use respirator in accordance with manufacturer's use limitations and OSHA standard 1910.134 (29CFR)


C.- SPECIFIC PROTECTION FOR THE HANDS

Pictogram	PPE	Remarks
 Mandatory hand protection	Chemical protective gloves (Material: PVC)	The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin. Use gloves in accordance with manufacturer's use limitations and OSHA standard 1910.138 (29CFR)



InnoviSeal TPO Cut Edge Sealant (LVOC)

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.



D.- EYE AND FACE PROTECTION

Pictogram	PPE	Remarks
 Mandatory face protection	Face shield	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. Use this PPE in accordance with manufacturer's use limitations and OSHA standard 1910.133 (29CFR)

E.- BODILY PROTECTION

Pictogram	PPE	Remarks
 Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties	For professional use only. Clean periodically according to the manufacturer's instructions.
 Mandatory foot protection	Safety footwear for protection against chemical risk, with antistatic and heat resistant properties	Replace boots at any sign of deterioration.

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see section 7.



SAFETY DATA SHEET 25131

InnoviSeal TPO Cut Edge Sealant (LVOC)

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (PHYSICAL STATE, COLOR etc.)	Form: Liquid Color: No information available.
ODOR	No information available.
ODOR THRESHOLD	Not applicable (N/A) *
PH	Not applicable (N/A) *
MELTING POINT/FREEZING POINT	Not applicable (N/A) *
INITIAL BOILING POINT AND BOILING RANGE	275 °F
FLASH POINT	101 °F
EVAPORATION RATE	Not applicable (N/A) *
FLAMMABILITY	Not applicable (N/A) *
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	Lower: No information available. Upper: No information available.
VAPOR PRESSURE	1485 Pa at 74 °F 5679.59 Pa (5.68 kPa) at 122 °F
DENSITY	1134.9 KG/m ³ at 74 °F
VAPOR DENSITY	Not applicable (N/A) *
RELATIVE DENSITY	1.135 at 74 °F
MOLECULAR WEIGHT	No information available.
SOLUBILITY IN/MISCIBILITY WITH WATER:	Not applicable (N/A) *
PARTITION COEFFICIENT: N-OCTANOL/WATER	Not applicable (N/A) *
AUTO-IGNITION TEMPERATURE	997 °F
SPECIFIC GRAVITY	No information available
VISCOSITY	Dynamic: Not applicable (N/A) * Kinematic: Not applicable (N/A) *

Information with regard to physical hazard classes:



SAFETY DATA SHEET 25131

InnoviSeal TPO Cut Edge Sealant (LVOC)

Explosive properties: Not applicable (N/A) *

Oxidising properties: Not applicable (N/A) *

Corrosive to metals: Not applicable (N/A) *

Heat of combustion: Not applicable (N/A) *

Aerosols-total percentage (by mass) of flammable components: Not applicable (N/A) *

Other safety characteristics:

Surface tension at 74 °F: Not applicable (N/A) *

Refraction index: Not applicable (N/A) *

* Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7

CHEMICAL STABILITY Chemically stable under the indicated conditions of storage, handling and use.

POSSIBILITY OF HAZARDOUS REACTIONS Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

CONDITIONS TO AVOID Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Risk of combustion	Avoid direct impact	Not applicable

INCOMPATIBLE MATERIALS

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

HAZARDOUS DECOMPOSITION PRODUCTS Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available.

DANGEROUS HEALTH IMPLICATIONS:



SAFETY DATA SHEET 25131

InnoviSeal TPO Cut Edge Sealant (LVOC)

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A- INGESTION (ACUTE EFFECT):

Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3

Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- INHALATION (ACUTE EFFECT):

Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.

C- CONTACT WITH THE SKIN AND THE EYES (ACUTE EFFECT):

Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.

Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

D- CMR EFFECTS (CARCINOGENICITY, MUTAGENICITY AND TOXICITY TO REPRODUCTION):

Carcinogenicity: Exposure to this product can cause cancer. For more specific information on the possible health effects see section 2.

IARC: 4-chloro- α,α,α -trifluorotoluene (2B); Toluene (3)

Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Reproductive toxicity: Suspected of damaging fertility or the unborn child

E- SENSITIZING EFFECTS:

Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.

Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE:

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

G- SPECIFIC TARGET ORGAN TOXICITY (STOT)-REPEATED EXPOSURE:



SAFETY DATA SHEET 25131

InnoviSeal TPO Cut Edge Sealant (LVOC)

Specific target organ toxicity (STOT)-repeated exposure: Exposure in high concentration can cause a breakdown in the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.

Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- ASPIRATION HAZARD:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
4-chloro- α,α,α -trifluorotoluene CAS: 98-56-6	LD50 oral	13000 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	
	LC50 inhalation	> 20 mg/L	
Toluene CAS: 108-88-3	LD50 oral	5580 mg/kg	Rat
	LD50 dermal	12124 mg/kg	Rat
	LC50 inhalation	28.1 mg/L (4 h)	Rat
Benzene, ethenyl-, polymer with 2-methyl-1, 3-butadiene, hydrogenated CAS: 68648-89-5	LD50 oral	>5000 mg/kg	
	LD50 dermal	>5000 mg/kg	
	LC50 inhalation	> 20 mg/L	

Acute Toxicity Estimate (ATE mix):

ATE mix		Ingredient(s) of unknown toxicity
Oral	>5000 mg/kg (Calculation method)	Non-applicable
Dermal	>5000 mg/kg (Calculation method)	Non-applicable
Inhalation	>20 mg/L (4 h) (Calculation method)	Non-applicable

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY (aquatic and terrestrial, where available):

Acute toxicity:

Identification	Acute toxicity		Species	Genus
Toluene CAS: 108-88-3	LD50	5.5 mg/L (96 h)	Oncorhynchus kisutch	Fish
	EC50	3.78 mg/L (48 h)	Ceriodaphnia dubia	Crustacean
	EC50	Not applicable (N/A)		

PERSISTENCE & DEGRADABILITY:

Substance-specific information:

Identification	Degradability		Biodegradability	
4-chloro- α,α,α -trifluorotoluene CAS: 98-56-6	BOD5	Not applicable (N/A)	Concentration	57.71 mg/L
	COD	Not applicable (N/A)	Period	28 days
	BOD5/COD	Not applicable (N/A)	% Biodegradable	19.2 %
Toluene	BOD5	2.5 g O2/g	Concentration	100 mg/L



SAFETY DATA SHEET 25131

InnoviSeal TPO Cut Edge Sealant (LVOC)

CAS: 108-88-3	COD	Not applicable (N/A)	Period	14 days
	BOD5/COD	Not applicable (N/A)	% Biodegradable	100 %

BIOACCUMULATION POTENTIAL:

Substance-specific information:

Identification	Bioaccumulation potential	
4-chloro- α,α,α -trifluorotoluene CAS: 98-56-6	BCF	122
	Pow Log	3.7
	Potential	High
Toluene CAS: 108-88-3	BCF	90
	Pow Log	2.73
	Potential	Moderate

MOBILITY IN SOIL:

Identification	Absorption/desorption		Volatility	
4-chloro- α,α,α -trifluorotoluene CAS: 98-56-6	Koc	487.5	Henry	Not applicable (N/A)
	Conclusion	Moderate	Dry soil	Not applicable (N/A)
	Surface tension	2.144E-2 N/m (-459.67 °F)	Moist soil	Not applicable (N/A)
Toluene CAS: 108-88-3	Koc	178	Henry	672.8 Pa·m ³ /mol
	Conclusion	Moderate	Dry soil	Yes
	Surface tension	2.793E-2 N/m (77 °F)	Moist soil	Yes

Results of PBT and vPvB assessment:

Non-applicable

Other adverse effects:

Not described

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS:

The characteristic of Ignitability per RCRA could apply to the unused product if it becomes a waste material. The EPA hazardous waste number D001 could apply.

Waste management (disposal and evaluation):

Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly. Waste should not be disposed of to drains. Remind, It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing. See section 6 for further information about Accidental release measures.

Regulations related to waste management:

Legislation related to waste management:

40 CFR Solid Wastes - Part 239 through 282.

State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state's policies.



SAFETY DATA SHEET 25131

InnoviSeal TPO Cut Edge Sealant (LVOC)

SECTION 14 – TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to 49 CFR on the Transport of Dangerous Goods:

UN Number: UN1133

UN Proper Shipping Name: ADHESIVES

Transport Hazard Class(es): 3

Labels: 3



Packing Group, If Applicable: III

Marine Pollutant: Yes

Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.

Physico-Chemical properties: see section 9

Limited quantities: 5 L

49 CFR 173.150: A flammable liquid with a flash point at or above 38 °C (100 °F) that does not meet the definition of any other hazard class may be reclassified as a combustible liquid. This provision does not apply to transportation by vessel or aircraft, except where other means of transportation is impracticable. It can be shipped as a non-hazardous material if the container is under 120 gallons.

Under 49 CFR 171.4, Except when transporting aboard a vessel, the requirements of this subchapter specific to marine pollutants do not apply to non-bulk packagings transported by motor vehicles, rail cars, and aircraft

Transport In Bulk (According to Annex II of MARPOL 73/78 and the IBC Code): Not applicable (N/A)

Transport of dangerous goods by sea:

With regard to IMDG 40-20:

UN Number: UN1133

UN Proper Shipping Name: ADHESIVES



SAFETY DATA SHEET 25131

InnoviSeal TPO Cut Edge Sealant (LVOC)

Transport Hazard Class(es): 3

Labels: 3



Packing Group, If Applicable: III

Marine Pollutant: Yes

Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.

Special regulations: 955, 223

EmS Codes: F-E, S-D

Physico-Chemical properties: see section 9

Limited quantities: 5 L

Segregation group: Not applicable (N/A)

Transport In Bulk (According to Annex II of MARPOL 73/78 and the IBC Code): Not applicable (N/A)

Transport of dangerous goods by Air:

With regard to IATA/ICAO 2023:

UN Number: UN1133

UN Proper Shipping Name: ADHESIVES

Transport Hazard Class(es): 3

Labels: 3



Packing Group, If Applicable: III

Marine Pollutant: Yes

Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.

Physico-Chemical properties: see section 9.

Transport In Bulk (According to Annex II of MARPOL 73/78 and the IBC Code): Not applicable (N/A)



SAFETY DATA SHEET 25131

InnoviSeal TPO Cut Edge Sealant (LVOC)

SECTION 15 - REGULATIONS

Safety, health and environmental regulations/legislation specific for the product in question:

CALIFORNIA LABOR CODE - The Hazardous Substances List: Toluene (108-88-3)

California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: Not applicable (N/A)

California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: 4-chloro- α,α,α -trifluorotoluene (98-56-6)

CANADA-Domestic Substances List (DSL): 4-chloro- α,α,α -trifluorotoluene (98-56-6); Toluene (108-88-3); Poly(methylstyrene-co-indene) (69430-35-9); Poly(styrene-co-alpha-methylstyrene) (9011-11-4); N,N,N,N-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethyl piperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine (106990-43-6); Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9); Benzene, ethenyl-, polymer with 2-methyl-1,3-butadiene, hydrogenated (68648-89-5); Benzene, ethenyl, polymer with 1,3-butadiene, hydrogenated (66070-58-4)

CANADA-Non-Domestic Substances List (NDSL): Not applicable (N/A)

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: Toluene (108-88-3) U220

Hazardous Air Pollutants (Clean Air Act): Toluene (108-88-3)

Massachusetts RTK - Substance List: Toluene (108-88-3)

Minnesota - Hazardous substances ERTK: Toluene (108-88-3)

New Jersey Worker and Community Right-to-Know Act: 4-chloro- α,α,α -trifluorotoluene (98-56-6); Toluene (108-88-3)

New York RTK - Substance list: 4-chloro- α,α,α -trifluorotoluene (98-56-6) ; Toluene (108-88-3)

NTP (National Toxicology Program): Not applicable (N/A)

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Not applicable (N/A)

Pennsylvania Worker and Community Right-to-Know Law: Toluene (108-88-3)

Rhode Island - Hazardous substances RTK: Toluene (108-88-3)

The Toxic Substances Control Act (TSCA) : 4-chloro- α,α,α -trifluorotoluene (98-56-6) ; Toluene (108-88-3); Poly(methylstyrene-co-indene) (69430-35-9); Poly(styrene-co-alpha-methylstyrene) (9011-11-4) ; N,N,N,N-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethyl piperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine (106990-43-6); Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9) ; Benzene, ethenyl-, polymer with 2-methyl-1,3-butadiene, hydrogenated (68648-89-5) ; Benzene, ethenyl, polymer with 1,3-butadiene, hydrogenated (66070-58-4)

Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): Toluene (108-88-3)

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.



SAFETY DATA SHEET 25131

InnoviSeal TPO Cut Edge Sealant (LVOC)

Other legislation:

Take into consideration other applicable federal, state, and local laws and local regulations.

SECTION 16 – OTHER INFORMATION

REVISION DATE OF SDS June 28 2024

REPLACES THE MSDS/SDS January 26, 2024
FROM

PREPARED BY Research Department

GENERAL INFORMATION 1-888-766-2468

WEBSITE www.iko.com

OTHER INFO/DISCLAMERS Read this Safety Data Sheet before handling or disposing of this product.

This product safety information is provided to help our customers with health, safety and/or environmental matters. We have taken reasonable effort to ensure that the test methods and sources for this data are correct and reliable, however, we give no warranty, expressed or implied, regarding its correctness. Since conditions or methods of handling and using this product are beyond our control, we do not assume responsibility and expressly disclaim liability for damages resulting from or connected with the handling, storage, use or disposal of the product.