



## SAFETY DATA SHEET 2593

### InnoviSeal Universal Sealer Part B

#### SECTION 1 – SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

PRODUCT NAME	InnoviSeal Universal Sealer Part B
TRADE NAME	
PRODUCT NUMBER	6100007
CHEMICAL FAMILY	No information available.
PRODUCT USE	Curing agent/ cross-linker/ Vulcanizing agent. Adhesive/Sealant
MANUFACTURER/SUPPLIER	IKO Industries Ltd. 160 IKO Way Hagerstown, MD 21740 United States
WEBSITE	<a href="http://www.iko.com">www.iko.com</a>
EMERGENCY NUMBER	CANUTEC: 1-613-996-6666 (24 hours information only)

#### SECTION 2 – HAZARD IDENTIFICATION

##### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

SIGNAL WORD Warning

SYMBOL(S)



CLASSIFICATION

Acute Toxicity – Category 4  
Skin Irritation – Category 2  
Skin Sensitization – Category 1  
Eye Irritation – Category 2B  
Hazardous to the Aquatic Environment (Acute) – Category 3  
Hazardous to the Aquatic Environment (Chronic) – Category 3

HAZARD STATEMENTS

Harmful if swallowed.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Harmful to aquatic life.  
Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

Avoid breathing dust/fume/gas/mist/vapors/spray.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Contaminated work clothing must not be allowed out of the workplace.  
Avoid release to the environment.  
Wear protective gloves.



## SAFETY DATA SHEET 2593

### InnoviSeal Universal Sealer Part B

If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth.

If on skin: Wash with plenty of water.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

Specific treatment (see on this label).

If eye irritation persists: Get medical advice/attention.

Wash contaminated clothing before reuse.

Dispose of contents / container in accordance with local / regional / national / international regulations

NFPA

Health: 2

Flammability: 1

Instability: 0

HMIS

Health: 2

Flammability: 1

Physical Hazards: 0

#### SECTION 3 – CHEMICAL COMPOSITION AND DATA ON COMPONENTS

CHEMICAL NAME	% (w/w)	CAS NUMBER
Additive	25-50	5285-60-9
Aliphatic Amine	25-50	9046-10-0
Carbon black	≤1%	1333-86-4
2,(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol	≤0.5%	25973-55-1
polymer stabilizer	≤0.5%	n/a

#### SECTION 4 – FIRST AID

INHALATION

Call a doctor immediately. Overexposure, remove to fresh air and seek medical attention.

INGESTION

Rinse out mouth with water. Drink 1 - 2 glasses of water but DO NOT induce vomiting. Do not give liquids to a drowsy, convulsing or unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Call a doctor immediately. Seek medical treatment.

SKIN CONTACT

Immediately wash with water and soap and rinse thoroughly.

EYE CONTACT

Rinse opened eye for 20 minutes under running water. Call a Doctor immediately.

ACUTE AND CHRONIC SYMPTOMS

No further relevant information available



## SAFETY DATA SHEET 2593

### InnoviSeal Universal Sealer Part B

#### MEDICAL ATTENTION

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

### SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	CO <sub>2</sub> , extinguishing powder or water spray. Fight larger fires with water spray.
ADVICE FOR FIRE FIGHTING	Use water spray in a fire condition.
HAZARDOUS COMBUSTION PRODUCTS	Combustion products may include carbon oxides, nitrogen oxides and other hydrocarbons
FLAMMABILITY	Not applicable
PROPERTIES:	
FLASH POINT	> 212°F (100°C)
FLAMMABLE LIMITS IN AIR	No information available.
AUTO IGNITION TEMPERATURE	Product is not self-igniting.
SPECIAL PPE FOR FIRE-FIGHTERS	Protective clothing and respiratory protective device.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE MEASURES AND EMERGENCY PROCEDURES	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation
ENVIRONMENTAL PRECAUTIONS	Do not allow to enter sewers/ surface or ground water.
SPILL MANAGEMENT	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste in accordance with federal state and local regulations. Ensure adequate ventilation.  See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.



## SAFETY DATA SHEET 2593

### InnoviSeal Universal Sealer Part B

#### SECTION 7 - HANDLING AND STORAGE

**HANDLING PROCEDURE**      Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling. Open containers in a well ventilated area and avoid breathing headspace vapors. Prevent formation of aerosols.

**STORAGE PRECAUTIONS**      Store away from oxidizing agents.

#### SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

CHEMICAL NAME	OCCUPATIONAL EXPOSURE LIMITS		
	ACGIH TLV	OSHA PEL	NIOSH REL
Carbon Black	3* mg/m3 *inhalable fraction	3.5 mg/m3	3.5* mg/m3 *0.1 in presence of PAHs

**ENGINEERING MEASURES**      No information available.

#### PERSONAL PROTECTIVE EQUIPMENT:

**RESPIRATORY PROTECTION**      Use approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.

**SKIN AND BODY PROTECTION**      Apron. Use protective gloves that are impermeable and resistant to the product (Nitrile Rubber, Chloroprene rubber, CR). Protective work clothing

**EYE PROTECTION**      Face shield over protective glasses or goggles. Safety glasses with side shields

**HYGIENE MEASURES**      Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

**OTHER CONTROLS**      Emergency showers and eye wash stations should be available.

#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE (PHYSICAL STATE, COLOR etc.)**      Black liquid

**ODOR**      Characteristic

**ODOR THRESHOLD**      No information available.



## SAFETY DATA SHEET 2593

### InnoviSeal Universal Sealer Part B

PH	No information available.
MELTING POINT/FREEZING POINT	No information available.
INITIAL BOILING POINT AND BOILING RANGE	No information available.
FLASH POINT	>212°F (100°C)
EVAPORATION RATE	No information available.
FLAMMABILITY	Product is not selfigniting. Product does not present an explosion hazard.
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	No information available.
VAPOR PRESSURE	No information available.
VAPOR DENSITY	No information available.
RELATIVE DENSITY	No information available.
MOLECULAR WEIGHT	No information available.
SOLUBILITY IN/MISCIBILITY WITH WATER:	Not miscible or difficult to mix.
PARTITION COEFFICIENT: N-OCTANOL/WATER	No information available.
AUTO-IGNITION TEMPERATURE	Product is not selfigniting.
SPECIFIC GRAVITY	1 g/cm <sup>3</sup> (8.345 lbs/gal)
VISCOSITY	No information available.
SOLVENT CONTENT	0.0% Organic Solvents

#### SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY:	No information available.
CHEMICAL STABILITY	No further information available
POSSIBILITY OF HAZARDOUS REACTIONS	No dangerous reactions known. No decomposition if used according to specifications.
CONDITIONS TO AVOID	Exposure to high temperatures.



## SAFETY DATA SHEET 2593

### InnoviSeal Universal Sealer Part B

INCOMPATIBLE MATERIALS Reacts with strong oxidizing agents. Reacts with alcohols. Reacts with Aldehydes

HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide and carbon dioxide. Ammonia. Nitrogen oxides.

#### SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC TOXICITY Irritating

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE No information available.

PRIMARY ROUTE OF EXPOSURE Skin or eyes.

#### HEALTH EFFECTS:

EYES Vapors may be irritating to the eyes.

SKIN Irritating to skin

INHALATION Inhalation - Sensitization possible through inhalation.

INGESTION No information available.

STOT (SPECIFIC TARGET ORGAN TOXICITY)- SINGLE EXPOSURE No information available.

STOT (SPECIFIC TARGET ORGAN TOXICITY) – REPEATED EXPOSURE No information available.

CARCINOGENICITY Component Carcinogenicity:  
Carbon black (1333-86-4)  
IARC: Group 2B  
NTP (National Toxicology Program): None listed  
OSHA-Ca (Occupational Safety & Health Administration): None listed

#### REPRODUCTIVE TOXICITY:

DEVELOPMENT OF OFFSPRING No information available

SEXUAL FUNCTION AND FERTILITY No information available

GERM CELL MUTAGENICITY No information available



## SAFETY DATA SHEET 2593

### InnoviSeal Universal Sealer Part B

#### SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY	No Information available.
PERSISTENCE & DEGRADABILITY	No information available
BIODEGRADATION MOBILITY	No information available
BIOACCUMULATION POTENTIAL	No information available
GENERAL NOTES	At present there are no ecotoxicological assessments. Water hazard class 2 (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

#### SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS	Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated adhering to official regulations. Disposal must be made according to official regulations. Disposal must be made according to official regulations.
--------------------------	---

#### SECTION 14 – TRANSPORT INFORMATION

UN-NUMBER: DOT, ADN, IMDG, IATA	Not regulated
UN PROPER SHIPPING NAME: DOT, ADN, IMDG, IATA	Not regulated.
TRANSPORT HAZARD CLASS(ES): DOT, ADN, IMDG, IATA	Not applicable
PACKING GROUP: DOT, IMDG, IATA	No information available
ENVIRONMENTAL HAZARD	Not applicable.
SPECIAL PRECAUTIONS FOR USERS	Not applicable.
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE	Not applicable.



## SAFETY DATA SHEET 2593

### InnoviSeal Universal Sealer Part B

TRANSPORT/ADDITIONAL INFORMATION No information available

UN "MODEL REGULATION" Not regulated.

#### SECTION 15 - REGULATIONS

Section 355 (extremely hazardous substances):  
None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):  
None of the ingredients is listed.

TSCA (Toxic Substances Control Act):  
All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

Proposition 65  
Please contact the supplier for more information regarding Proposition 65 on this product.

(DSL) Canada Domestic Substance List  
All components of this product are on the DSL(Canada Domestic Substance list) or are exempt from DSL requirements.

Carcinogenicity categories

EPA (Environmental Protection Agency)  
None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)  
1333-86-4 Carbon black A4

MAK (German Maximum Workplace Concentration)  
1333-86-4 Carbon black 3B

NIOSH-Ca (National Institute for Occupational Safety and Health)  
1333-86-4 Carbon black

National regulations:  
Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.  
Chemical safety assessment: Chemical Safety Assessment has not been carried out.

#### SECTION 16 – OTHER INFORMATION

REVISION DATE OF SDS June 28 2024

REPLACES THE MSDS/SDS FROM January 27, 2021

PREPARED BY Research Department





## SAFETY DATA SHEET 2593

### InnoviSeal Universal Sealer Part B

GENERAL INFORMATION	1-888-766-2468
WEBSITE	<a href="http://www.iko.com">www.iko.com</a>
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.