



SAFETY DATA SHEET 2598

InnoviSeal Water Stop Mastic

SECTION 1 – SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

PRODUCT NAME	InnoviSeal Water Stop Mastic
TRADE NAME	Single-Ply Bonding Adhesive
PRODUCT NUMBER	6100008
CHEMICAL FAMILY	No information available.
PRODUCT USE	Sealant
MANUFACTURER/SUPPLIER	IKO Industries Ltd. 160 IKO Way Hagerstown, MD 21740 United States
WEBSITE	www.iko.com
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 Skin Irritation – Category 2
Eye Irritation – Category 2A

HAZARD STATEMENTS Causes skin irritation.
Causes serious eye irritation.

PRECAUTIONARY STATEMENTS Wash thoroughly after handling.
Wear protective gloves / eye protection / face protection.
If on skin: Wash with plenty of water.
Specific treatment (see on this label).
If in eyes: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

NFPA Health: 2
Flammability: 2
Reactivity: 0



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HMIS

Health: 2
Flammability: 2
Physical Hazards: 0

SECTION 3 – CHEMICAL COMPOSITION AND DATA ON COMPONENTS

CHEMICAL NAME	% (w/w)	CAS NUMBER
calcium carbonate	25-50%	471-34-1
kaolin	5-20%	1332-58-7
Stoddard solvent (mineral spirits)	2.5-10%	8052-41-3
Magnesite	2.5-10%	546-93-0
Precipitated silica (Silica-Amorphous)	≤1%	112926-00-8
calcium oxide	≤1%	1305-78-8
titanium dioxide	≤1%	13463-67-7

SECTION 4 – FIRST AID

INHALATION	Overexposure, remove to fresh air and seek medical attention
INGESTION	Seek medical treatment.
SKIN CONTACT	Wipe excess from skin. Immediately wash with water and soap and rinse thoroughly.
EYE CONTACT	Rinse opened eye for 20 minutes under running water. If eye becomes irritated, obtain medical treatment.
ACUTE AND CHRONIC SYMPTOMS	No further relevant information available.
MEDICAL ATTENTION	No further relevant information available.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	Suitable extinguishing agents: CO ₂ , Sand, Extinguishing powder or water spray. Fight larger fires with water spray.
ADVICE FOR FIRE FIGHTING	Protective clothing and respiratory protective device.
FLAMMABILITY	Not determined
PROPERTIES	Form: Pasty Color: Gray Odor: Hydrocarbon-like Odor threshold: Not determined



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FLASH POINT Not applicable.

FLAMMABLE LIMITS IN AIR Not applicable.

AUTO IGNITION TEMPERATURE Product is not selfigniting.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE MEASURES AND EMERGENCY PROCEDURES Ensure adequate ventilation Wear protective equipment. Keep unprotected persons away

Protective Action Criteria for Chemicals

PAC-1:

471-34-1	<i>calcium carbonate</i>	45 mg/m ³
546-93-0	<i>Magnesite</i>	45 mg/m ³
112926-00-8	<i>Precipitated silica (Silica-Amorphous)</i>	18 mg/m ³
1305-78-8	<i>calcium oxide</i>	6 mg/m ³

PAC-2:

471-34-1	<i>calcium carbonate</i>	210 mg/m ³
546-93-0	<i>Magnesite</i>	260 mg/m ³
112926-00-8	<i>Precipitated silica (Silica-Amorphous)</i>	200 mg/m ³
1305-78-8	<i>calcium oxide</i>	110 mg/m ³

PAC-3:

471-34-1	<i>calcium carbonate</i>	1300 mg/m ³
546-93-0	<i>Magnesite</i>	1600 mg/m ³
112926-00-8	<i>Precipitated silica (Silica-Amorphous)</i>	1200 mg/m ³
1305-78-8	<i>calcium oxide</i>	660 mg/m ³

ENVIRONMENTAL PRECAUTIONS Do not allow product to reach sewage system or any water course. Prevent seepage into sewage system, workpits and cellars. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

SPILL MANAGEMENT Dispose of contaminated material as waste in accordance with federal state and local regulations. Ensure adequate ventilation.

REFERENCE TO OTHER SECTIONS See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information



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SECTION 7 - HANDLING AND STORAGE

HANDLING PROCEDURE Open and handle receptacle with care.

STORAGE PRECAUTIONS Requirements to be met by storerooms and receptacles: No special requirement.

Information about storage in one common storage facility:
Keep container closed when not in use. Keep respiratory protective device available.

Further information about storage conditions: Keep receptacle tightly sealed.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace: The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

CHEMICAL NAME	EXPOSURE LIMITS		
	PEL	REL	TLV
471-34-1 Calcium Carbonate	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction	TLV withdrawn
1332-58-7 Kaolin	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction	Long-term value: 2* mg/m ³ E; as respirable fraction
8052-41-3 Stoddard Solvent (mineral spirits) oxide	Long-term value: 2900 mg/m ³ , 500 ppm	Long-term value: 350 mg/m ³ Ceiling limit value: 1800* mg/m ³ *15-min	Long-term value: 525 mg/m ³ , 100 ppm
546-93-0 Magnesite	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction	TLV withdrawn
112926-00-8 Precipitated Silica (Silica-Amorphous)	20mppcf or 80mg/m ³ /%SiO ₂	Long-term value: 6 mg/m ³	TLV withdrawn
1305-78-8 Calcium Oxide	Long-term value: 5 mg/m ³	Long-term value: 2 mg/m ³	Long-term value: 2 mg/m ³
13463-67-7 Titanium Dioxide	Long-term value: 15* mg/m ³ *total dust	See Pocket Guide App. A	Long-term value: 10 mg/m ³ withdrawn from NIC



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ENGINEERING MEASURES	No further information available.
PERSONAL PROTECTIVE EQUIPMENT	See listings below
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.
BODY PROTECTION	Protective work clothing
EYE PROTECTION	Safety glasses with side shields. Tightly sealed goggles.
HYGIENE MEASURES	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately. Avoid contact with the eyes and skin.
OTHER CONTROLS	<p>Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.</p> <p>Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation</p> <p>Material of gloves: Protective gloves. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.</p> <p>Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and must be observed.</p>

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (PHYSICAL STATE, COLOR etc.)	Form: Pasty Color: Gray
ODOR	Hydrocarbon-like
ODOR THRESHOLD	Not determined
PH	Not applicable.



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MELTING POINT/FREEZING POINT	Melting point: Undetermined.
INITIAL BOILING POINT AND BOILING RANGE	Boiling point: Undetermined.
IGNITION TEMPERATURE	230 °C (446 °F)
FLASH POINT	Not applicable.
EVAPORATION RATE	Not determined.
FLAMMABILITY	Not determined.
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	Lower: 1.1 Vol % Upper: 6.0 Vol %
VAPOR PRESSURE	Not applicable.
VAPOR DENSITY	Not applicable.
RELATIVE DENSITY	Not determined.
MOLECULAR WEIGHT	No information available.
SOLUBILITY(IES)	Insoluble.
PARTITION COEFFICIENT: N-OCTANOL/WATER	Not determined.
AUTO-IGNITION TEMPERATURE	Product is not selfigniting.
SPECIFIC GRAVITY 20 °C (68 °F)	1.4 g/cm ³ (11.683 lbs/gal)
VISCOSITY	Dynamic: Not determined. Kinematic: >20.5cSt.
SOLVENT CONTENT	Organic solvents: 15.0 %
SOLIDS CONTENT	85.0%
OTHER INFORMATION	VOC = 5.17 LBS/GAL WEIGHT PER GALLON = 6.98 LBS

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY	No further relevant information available.
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CHEMICAL STABILITY

POSSIBILITY OF HAZARDOUS REACTIONS No dangerous reactions known. No decomposition if used according to specifications.

CONDITIONS TO AVOID Heat, flames, sparks.

INCOMPATIBLE MATERIALS Reacts with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS No dangerous decomposition products known.

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC TOXICITY LD/LC50 values that are relevant for classification:

108-88-3 toluene

Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	12,124 mg/kg (rabbit)
Inhalative	LC50/4 h	5,320 mg/l (mouse)

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE No further information available

PRIMARY ROUTE OF EXPOSURE On the skin: Skin irritant
On the eye: May irritate the eye.

EYES May irritate the eye.

SKIN Irritant to skin and mucous membranes.

INHALATION No further information available

INGESTION No further information available

CARCINOGENICITY IARC (International Agency for Research on Cancer)

112926-00-8	<i>Precipitated silica (Silica-Amorphous)</i>	<i>Group 3</i>
13463-67-7	<i>titanium dioxide</i>	<i>Group 2B</i>

NTP (National Toxicology Program):
None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration):
None of the ingredients is listed.

ADDITIONAL INFORMATION Due to the form of this product, exposure to the potentially carcinogenic components is not expected.



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SECTION 12 – ECOLOGICAL INFORMATION

AQUATICTOXICITY	No further relevant information available.
PERSISTENCE & DEGRADABILITY	No further relevant information available.
BIODEGRADATION MOBILITY	No further relevant information available.
BIOACCUMULATION POTENTIAL	No further relevant information available.
MOBILITY IN SOILS	No further relevant information available.
GENERAL NOTES	Do not allow product to reach ground water, water course or sewage system.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS	Waste treatment methods: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations. Uncleaned packagings: Disposal must be made according to official regulations
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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 CLASS	Not regulated.
PACKING GROUP: DOT IMDG, IATA	Not regulated.



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ENVIRONMENTAL HAZARDS	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.
TRANSPORT/ADDITIONAL INFORMATION	This product is not classified as a Division 4.1 Flammable Solids according to UN Test N.1 Test Method for Readily Combustible Solids.
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):

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

Hazardous Air Pollutants:
108-88-3 *toluene*

Proposition 65:

Chemicals known to cause cancer:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

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

New Jersey Right-to-Know List:
1332-58-7 *Kaolin*
1317-65-3 *Limestone*
546-93-0 *Magnesite*
112926-00-8 *Precipitated silica (Silica-Amorphous)*



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1305-78-8 *calcium oxide*
13463-67-7 *titanium dioxide*

New Jersey Special Hazardous Substance List:
1305-78-8 *calcium oxide*

Pennsylvania Right-to-Know List:
1332-58-7 *Kaolin*
1317-65-3 *Limestone*
1305-78-8 *calcium oxide*
13463-67-7 *titanium dioxide*

Pennsylvania Special Hazardous Substance List:
None of the ingredients is listed.

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

TLV (Threshold Limit Value established by ACGIH):
1332-58-7 *Kaolin*
13463-67-7 *titanium dioxide*

MAK (German Maximum Workplace Concentration):
13463-67-7 *titanium dioxide*

NIOSH-Ca (National Institute for Occupational Safety and Health):
13463-67-7 *titanium dioxide*

National regulations:
Information about limitation of use: Use by properly trained workers recommended

Water hazard class: Not determined
Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16 – OTHER INFORMATION

REVISION DATE OF SDS	January 27, 2021
REPLACES THE MSDS/SDS FROM	(new)
PREPARED BY	HSE department
GENERAL INFORMATION	1-888-766-2468
WEBSITE	www.iko.com
OTHER INFO/DISCLAIMERS	Read this Safety Data Sheet before handling or disposing of this product. This product safety information is provided to help our customers with



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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.