



BC BUILDING PRODUCTS
THE ENVELOPE SPECIALISTS

SAFETY DATA SHEET

IKO BSW Below-Grade Waterproofing System

Manufacturer: IKO Industries Ltd.

The following pages are the manufacturer's original document,
reproduced unaltered (revision not shown on document).

Always refer to the manufacturer's most current SDS.

SUPPLIED BY BC BUILDING PRODUCTS

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Safety Data Sheet

1701

SBS MODIFIED BITUMEN ROOFING MEMBRANE

Version number: 1.6

Date of compilation: 2026-04-08

1 Identification

1.1 Product identifier

Trade Name	SBS Modified Bitumen Roofing Membrane, Peel & Stick Waterproofing, Air & Vapour Barriers
Product Names	AquaBarrier AVB / FP / TG / TWF, GoldSeam, Gold-Shield, Modified Vapour Protector (MVP), MVP Sand, Modiflex MP/MF, Torchflex TP/TF, Prevent MP/TP, Fast-N-Stick 180/HD, TorchTape, AquaBarrier TG/AVB/FP/TWF, Roof-Fast, StormShield, ArmourGard, ArmourGard PRO, Armourbond 180 / Flash / Flash HD / Flash Sand / Flash Sand HD, Armourvent, ArmourCool TP/HD, ArmourBridge, Armourstick HD, EdgeSeal, Armourstick Prevent HD Cap, Prevent MP HD, Ultra TP HD, ArmourCool SA-HD-Cap
Product number	7850xxx, 7860xxx, 7940xxx, 7500xxx, 7511xxx, 7530xxx, 7673xxx, 7710xxx, 7720xxx, 7730xxx, 7740xxx, 7620xxx, 7640xxx, 7750xxx, 7780xxx, 7672xxx, 7673xxx, 7700xxx, 7702xxx, 7704xxx, 7706xxx, 7920xxx, 7880xxx, 7892xxx, 7910xxx, 7930xxx
Formula	Mixture of asphalt, fiberglass/polyester mat, polymers, inert mineral filler, film and/or talc.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Professional use
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1.3 Details of the supplier of the safety data sheet

IKO Industries Inc.
850 West Front St
Sumas, WA 98295
United States

Website: www.iko.com

1.4 Emergency telephone number

Emergency information service	CANUTEC: 1-613-996-6666, CHEMTREC: 1-800-424-9300
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2 Hazard identification

2.1 Classification of the substance or mixture

These products are classified as articles as defined by the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Hazardous Products Act. As manufactured items, they are exempt from the labeling and SDS requirements of the Globally Harmonized System (GHS), OSHA HCS, and WHMIS. Consequently, GHS hazard classifications and labeling elements are not provided

2.2 Label elements

Labeling

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not required

2.3 Other hazards

of no significance

3 Composition/ Information on ingredients

3.1 Substances

Not relevant (article)

3.2 Mixtures

Composition/information on ingredients

Name of substance	Identifier	Wt%
Bitumen	CAS No 8052-42-4	15 – 75
Limestone	CAS No 1317-65-3	0 – 55
Bitumen Oxidized	CAS No 64742-93-4	0 – 40
Coloured Granules		0 – 35
Talc	CAS No 14807-96-6	0 – 30
Silicone Paper		0 – 20
Polyethylene	CAS No 9002-88-4	0 – 15
Polymers		2 – 15
Silica, Crystalline	CAS No 14808-60-7	0 – 10
Fiberglass Mat	CAS No 65997-17-3	0 – 10
Polyester Mat		0 – 10
Titanium dioxide	CAS No 13463-67-7	0 – 2.5
Graphite	CAS No 7782-42-5	0 – 2

Remarks

During heat welding or hot mopping of product (if applicable), small amounts of toxic hydrogen sulfide H₂S (CAS 7783-06-4) may be generated. Products may not include every ingredient listed.

4 First-aid measures

4.1 Description of first-aid measures

Following inhalation

If exposed to combustion or asphalt fumes, remove victim to fresh air. Seek medical aid for significant exposure to com-

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bustion or asphalt fumes.

Following skin contact

Routine first aid treatment for cuts and abrasions from handling.

Wash hands with soap and water after handling. For contact with heated product, cool body part by water immersion or shower. Do not try to remove product from affected area. Seek immediate medical attention.

Following eye contact

Flush affected eye in a stream of water for at least 15 minutes. Consult doctor if eye(s) are inflamed.

Following ingestion

Not expected to be ingested. If ingested: rinse mouth, drink plenty of water and immediately call for medical help.

4.2 Most important symptoms and effects, both acute and delayed

There is no additional information.

4.3 Indication of any immediate medical attention and special treatment needed

none

5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, dry chemical, or carbon dioxide

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

CO_x, SO_x, NO_x, smoke, hydrogen sulfide.

5.3 Advice for firefighters

Use NIOSH approved self-contained breathing equipment when exposed to product flames or fire, as product will emit very toxic fumes on thermal degradation.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

Ensure adequate ventilation. If in heated state, allow material to cool down before removal.

6.2 Environmental precautions

no information available

6.3 Methods and material for containment and cleaning up

Advice on how to clean up a spill

Normal housekeeping measures. Pick up large pieces and dispose of in accordance with Local, State, Federal and Provincial regulations.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

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6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

7 Handling and storage

7.1 Conditions for safe storage, including any incompatibilities

Store in a dry location protected from the elements, high temperature and flames/sparks.

7.2 Other Precautions

Comply with local other safety standards and codes for roof work. Always use Fall Protection Systems when working on roofs. Do not walk on material that has not been securely fastened to the roof deck.

8 Exposure controls/ Personal protection

8.1 Exposure Controls

CHEMICAL NAME	OCCUPATIONAL EXPOSURE LIMITS				
	ALBERTA	ONTARIO	BRITISH COLUMBIA	OSHA	ACGIH
Oxidized Asphalt (Bitumen) Fumes	TWA : 5 mg/m ³	TWA : 0.5 mg/m ³	TWA : 0.5 mg/m ³	No information available	TWA : 0.5 mg/m ³
Crystalline Silica (Quartz)	TWA : 0.025 mg/m ³	TWA : 0.10 mg/m ³	TWA : 0.025 mg/m ³	TWA : 0.05 mg/m ³	TWA : 0.025 mg/m ³
Talc	TWA : 2 mg/m ³	TWA : 2 mg/m ³	TWA : 2 mg/m ³	TWA : 20 mppcf	TWA : 2 mg/m ³
Titanium Dioxide	TWA : 10 mg/m ³	TWA : 10 mg/m ³	TWA : 10 mg/m ³	TWA : 15 mg/m ³ (total dust)	TWA : 10 mg/m ³ (total dust)
Hydrogen Sulfide	TWA : 10 ppm Ceiling : 15 ppm	TWA : 10 ppm STEL : 15 ppm	Ceiling : 10 ppm	Ceiling : 20 ppm Peak : 50 ppm	TWA : 1 ppm STEL : 5 ppm

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure adequate ventilation. If in heated state, allow material to cool down before removal.

8.2.2 Individual protection measures (personal protective equipment)

8.2.3 Eye/face protection

Wear eye/face protection.

Skin protection

Minimize skin contact. Protective gloves may be used when handling material.

Hand protection

Wear protective gloves.

8.2.4 Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

Not required under normal conditions of use. Wear NIOSH approved respiratory protection if dust or asphalt fume levels are above standard exposure limits.

Other protection measures

Wash hands with soap after handling.

If contact is unavoidable, wear all necessary protective gear.

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9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	solid
Color	various
Odor	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	not determined
Flammability	non-combustible
Lower and upper explosion limit	not relevant (solid)
Flash point	not applicable
Auto-ignition temperature	not determined
Decomposition temperature	not relevant
pH (value)	not applicable
Kinematic viscosity	not relevant
Solubility(ies)	not determined

Partition coefficient

Partition coefficient n-octanol/water (log value)	this information is not available
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Vapor pressure	not determined
Specific gravity	> 1.0

Density and/or relative density

Density	not determined
Relative vapour density	not relevant (solid)

Particle characteristics	no data available
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10 Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Avoid excessive heat.

10.5 Incompatible materials

Strong oxidizers, strong acids, alkalis.

10.6 Hazardous decomposition products

CO_x, SO_x, NO_x, smoke, hydrogen sulfide.

11 Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification acc. to GHS

This mixture does not meet the criteria for classification.

Acute toxicity

WARNING: This product may contain crystalline silica (quartz). IARC MONOGRAPH VOLUME 68, 1997 concludes that there is sufficient evidence that inhaled crystalline silica causes cancer in humans. IARC classification: Group 1

WARNING: This product may contain Titanium Dioxide. IARC concludes that Titanium Dioxide is possibly carcinogenic to humans. IARC classification: Group 2B

WARNING: This product may contain oxidized bitumens. The International Agency for Research on Cancer (the "IARC") published a monograph in 2013 which concluded that "occupational exposure to oxidized bitumens and their emissions during roofing operations are probably carcinogenic to humans". This warning may be updated at such time as a final determination is made and IARC has published its monograph on the matter. IARC classification: Group 2A

The IARC found that there is "limited evidence" in humans for the carcinogenicity of occupational exposures to bitumens and bitumen emissions during roofing and mastic-asphalt work. The IARC also found that there is "sufficient evidence" in experimental animals for carcinogenicity of fume condensates generated from oxidized bitumen. All other evidence of cancer in humans and experimental animals was judged "inadequate" or "limited." The physical nature of this product may help limit any inhalation hazard from oxidized asphalt during application in its hardened state. However, physical forces such as grinding, drilling and other demolition work on this product may liberate dust containing oxidized asphalt. Burning or heating of the product may cause fumes, vapors or mists.

Skin corrosion/irritation

If the product is heated, the hot material may cause thermal burns.

Serious eye damage/eye irritation

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If the product is heated, asphalt fumes are moderately irritating to the eye.

Respiratory or skin sensitization

Prolong inhalation of fumes from hot asphalt may cause nausea, headache and dizziness.

Ingestion

Prolong inhalation of fumes from hot asphalt may cause nausea, headache and dizziness.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Crystalline silica (quartz) is listed as IARC Group 1 (is carcinogenic to humans).

Oxidized asphalt is listed as IARC Group 2A (probably carcinogenic to humans).

Titanium Dioxide is listed as IARC Group 2B (possibly carcinogenic to humans).

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Primary route of exposure

Inhalation.

11.2 Information on other hazards

There is no additional information.

12 Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Ecotoxicity

No data available.

13 Disposal considerations

13.1 Disposal considerations

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

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14 Transport information

14.1 UN number	not subject to transport regulations
14.2 UN proper shipping name	not relevant
14.3 Transport hazard class(es)	none
14.4 Packing group	not assigned
14.5 Environmental hazards	non-environmentally hazardous acc. to the dangerous goods regulations

Maritime transport in bulk according to IMO instruments

Transport information - National regulations - Additional information (UN RTDG)

Not subject to transport regulations: UN RTDG

Not subject to transport regulations.

Not subject to IMDG.

Not subject to ICAO-IATA.

15 Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Toxic Substance Control Act (TSCA)

all ingredients are listed (ACTIVE) or exempt from listing

Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

none of the ingredients are listed

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

none of the ingredients are listed

Clean Air Act

none of the ingredients are listed

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

Proposition 65 List of chemicals

Name of substance	Name acc. to inventory	CAS No	Remarks	Type of the toxicity
Titanium dioxide	titanium dioxide	13463-67-7	airborne, unbound particles of respirable size	cancer

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Proposition 65 List of chemicals				
Name of substance	Name acc. to inventory	CAS No	Remarks	Type of the toxicity
Silica, Crystalline	silica, crystalline	14808-60-7	airborne particles of respirable size	cancer
Talc	talc	14807-96-6	containing asbesti-form fibers	cancer
Bitumen	bitumen	8052-42-4	extracts of steam-re-fined and air refined	cancer

National regulations (Canada)

Domestic Substances List (DSL)/Non-domestic Substances List (NDSL)

All ingredients are listed or exempt from listing.

16 Other information

16.1	REVISION DATE OF SDS	2026-04-08
16.2	REPLACES THE MSDS/SDS FROM	2023-07-05
16.3	PREPARED BY	C&C Department
16.4	GENERAL INFORMATION	1-888-766-2468
16.5	WEBSITE	www.iko.com
16.6	DISCLAIMER	

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.

NOTE: Under government regulations, an SDS is not required for this material; it is an end use product.