SAFETY DATA SHEET 1201

SBS MODIFIED BITUMEN ROOFING MEMBRANE

SECTION 1 – SUBSTANCE IDENTIFICATION AND COMPANY CONTACT INFORMATION

PRODUCT NAMES

TRADE NAME
SBS Modified Bitumen Roofing Membrane, Peel & Stick Waterproofing, Air & Vapour Barriers

PRODUCT NUMBERS
7500xxx, 7511xxx, 7530xxx, 7561063, 7610xxx, 7620xxx, 7630063, 7640xxx, 7670063, 7672xxx, 7701063, 7702xxx, 7704063, 7706063, 7710001, 7720090, 7720096, 7720097, 7720100, 7720101, 7720102, 7720150, 7730090, 7730091, 7730093, 7730096, 7730097, 7730098, 7740001, 7740004, 7740006, 7740008, 7740009, 7740010, 7740011, 7740012, 7750000, 7750001, 7750003, 7750004, 7750013, 7750050, 7750053, 7750090, 7750090, 7750093, 7750095, 7750097, 7750098, 7780xxx, 7850xxxm 7860xxx, 7880xxx, 7891xxx, 7910xxx, 7920xxx, 7921xxx, 7930xxx, 7940002, 7940003, 7999xxx

CHEMICAL FAMILY
Not applicable

FORMULA
Mixture of asphalt, fiberglass/polyester mat, polymers, inert mineral filler, film and/or talc.

PRODUCT USE
Asphalt rolled roofing

MANUFACTURER/SUPPLIER
IKO Industries Ltd.
87 Orenda Road
Brampton, Ontario
L6W 1V7

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

The products listed above are considered end-use or manufactured articles, and are not included in the scope of WHMIS 2015 or Globally Harmonization System (GHS). As such, the GHS/WHMIS labeling elements and classification are not included on this SDS.

SIGNAL WORD
Not applicable

SYMBOL(S)
Not applicable

CLASSIFICATION
Not applicable
SAFETY DATA SHEET 1201

SBS MODIFIED BITUMEN ROOFING MEMBRANE

HAZARD STATEMENTS
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H351 Suspected of causing cancer

PRECAUTIONARY STATEMENTS
P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P281 Use personal protective equipment as required.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P314 Get medical advice/attention if you feel unwell.
P308+P313 If exposed or concerned: Get medical attention.
P501 Dispose of content/container in accordance with local/regional/national/international regulation.

NFPA
No information available.

HMIS
No information available.

SECTION 3 – CHEMICAL COMPOSITION AND DATA ON COMPONENTS

<table>
<thead>
<tr>
<th>HAZARDOUS CHEMICAL NAME</th>
<th>% (w/w)</th>
<th>CAS NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxidized Bitumen</td>
<td>0 - 30</td>
<td>64742-93-4</td>
</tr>
<tr>
<td>Bitumen</td>
<td>15 - 75</td>
<td>8052-42-4</td>
</tr>
<tr>
<td>Coloured Granules</td>
<td>0 - 35</td>
<td>n/a</td>
</tr>
<tr>
<td>Limestone</td>
<td>0 - 55</td>
<td>1317-65-3</td>
</tr>
<tr>
<td>Polymers</td>
<td>2 – 15</td>
<td>(proprietary mix)</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)</td>
<td>0 - 10</td>
<td>14808-60-7</td>
</tr>
<tr>
<td>Polyester Mat</td>
<td>0 - 10</td>
<td>n/a</td>
</tr>
<tr>
<td>Fiberglass Mat</td>
<td>0 - 10</td>
<td>65997-17-3</td>
</tr>
<tr>
<td>Silicone Paper</td>
<td>0 - 20</td>
<td>n/a</td>
</tr>
<tr>
<td>Talc/Sand</td>
<td>0 - 30</td>
<td>14807-96-6</td>
</tr>
<tr>
<td>Graphite</td>
<td>0 - 2</td>
<td>7782-42-5</td>
</tr>
<tr>
<td>Polyethylene</td>
<td>0 - 15</td>
<td>9002-88-4</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>0 - 2.5</td>
<td>13463-67-7</td>
</tr>
</tbody>
</table>

Note: During heat welding or hot mopping of product (if applicable), small amounts of toxic hydrogen sulfide H₂S (CAS 7783-06-4) may be generated.
SECTION 4 – FIRST AID

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

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

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.

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

ACUTE AND CHRONIC SYMPTOMS
Refer to “Section 11 - Toxicological Information” for additional information.

MEDICAL ATTENTION
No additional information available.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Water spray, dry chemical, or carbon dioxide

FIRE FIGHTING
No specific information available.

FLAMABILITY
Not flammable

PROPERTIES:

FLASH POINT
Not applicable

FLAMMABLE LIMITS IN AIR
Not applicable

AUTO IGNITION TEMPERATURE
Not applicable

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

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE MEASURES AND EMERGENCY PROCEDURES
Ensure adequate ventilation. If in heated state, allow material to cool down before removal.
SAFETY DATA SHEET 1201

SBS MODIFIED BITUMEN ROOFING MEMBRANE

ENVIRONMENTAL PRECAUTION

No information available

SPILL MANAGEMENT

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

SECTION 7 – HANDLING AND STORAGE

HANDLING PROCEDURE

When handling the material, wear the appropriate personal protective equipment described in section 8.

STORAGE PRECAUTIONS

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

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.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>OCCUPATIONAL EXPOSURE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ALBERTA</td>
</tr>
<tr>
<td>Oxidized Asphalt (Bitumen)</td>
<td>TWA : 5 mg/m³</td>
</tr>
<tr>
<td>Fumes</td>
<td></td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)</td>
<td>TWA : 0.025 mg/m³</td>
</tr>
<tr>
<td>Talc</td>
<td>TWA : 2 mg/m³</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>TWA : 10 mg/m³</td>
</tr>
<tr>
<td>Hydrogen Sulfide</td>
<td>TWA : 10 ppm</td>
</tr>
<tr>
<td></td>
<td>Ceiling : 15 ppm</td>
</tr>
</tbody>
</table>

ENGINEERING MEASURES

Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

PERSONAL PROTECTIVE EQUIPMENT:

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.

SKIN AND BODY

Minimize skin contact. Protective gloves may be used when handling
SAFETY DATA SHEET 1201

SBS MODIFIED BITUMEN ROOFING MEMBRANE

PROTECTION material.

EYE PROTECTION Use safety glasses or goggles when necessary.

HYGIENE MEASURES Wash hands with soap after handling.

OTHER CONTROLS If contact is unavoidable, wear all necessary protective gear.

<table>
<thead>
<tr>
<th>SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE (PHYSICAL STATE, COLOR etc.)</td>
</tr>
<tr>
<td>Solid, various colors, sheet material.</td>
</tr>
<tr>
<td>ODOR</td>
</tr>
<tr>
<td>Slight asphalt odor.</td>
</tr>
<tr>
<td>ODOR THRESHOLD</td>
</tr>
<tr>
<td>No information available.</td>
</tr>
<tr>
<td>PH</td>
</tr>
<tr>
<td>No information available.</td>
</tr>
<tr>
<td>MELTING POINT/FREEZING POINT</td>
</tr>
<tr>
<td>No information available.</td>
</tr>
<tr>
<td>INITIAL BOILING POINT AND BOILING RANGE</td>
</tr>
<tr>
<td>Not applicable.</td>
</tr>
<tr>
<td>FLASH POINT</td>
</tr>
<tr>
<td>Not applicable.</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
</tr>
<tr>
<td>Not applicable.</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
</tr>
<tr>
<td>Not flammable.</td>
</tr>
<tr>
<td>UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS</td>
</tr>
<tr>
<td>Not applicable.</td>
</tr>
<tr>
<td>VAPOR PRESSURE</td>
</tr>
<tr>
<td>Not applicable.</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
</tr>
<tr>
<td>No information available.</td>
</tr>
<tr>
<td>MOLECULAR WEIGHT</td>
</tr>
<tr>
<td>No information available.</td>
</tr>
<tr>
<td>SOLUBILITY(IES)</td>
</tr>
<tr>
<td>Insoluble.</td>
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<tr>
<td>PARTITION COEFFICIENT: N-OCTANOL/WATER</td>
</tr>
<tr>
<td>No information available.</td>
</tr>
<tr>
<td>AUTO-IGNITION TEMPERATURE</td>
</tr>
<tr>
<td>No information available.</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
</tr>
<tr>
<td>&gt; 1.0</td>
</tr>
</tbody>
</table>
SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY:

CHEMICAL STABILITY
Stable at ambient temperatures.

POSSIBILITY OF HAZARDOUS REACTIONS
No information available.

CONDITIONS TO AVOID
Avoid excessive heat.

INCOMPATIBLE MATERIALS
Strong oxidizers, strong acids, alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS
COx, SOx, NOx, smoke, hydrogen sulfide.

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC 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.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
No information available.

PRIMARY ROUTE OF EXPOSURE
Inhalation

HEALTH EFFECTS:

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

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

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

INGESTION
Ingestion is unlikely. If ingested, may cause irritation of the digestive tract.

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

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

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:

DEVELOPMENT OF OFFSPRING
No information available.

SEXUAL FUNCTION AND FERTILITY
No information available.

GERM CELL MUTAGENICITY
No information available.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY
No information available.
SBS MODIFIED BITUMEN ROOFING MEMBRANE

PERSISTENCE & DEGRADABILITY
No information available.

BIODEGRADATION MOBILITY
No information available.

BIOACCUMULATION POTENTIAL
No information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS
Follow federal, provincial/state and municipal regulations.

SECTION 14 – TRANSPORT INFORMATION

No information available.

SECTION 15 - REGULATIONS

No information available.

SECTION 16 – OTHER INFORMATION

REVISION DATE OF SDS
July 13, 2018

REPLACES THE MSDS/SDS FROM
June 5, 2018

PREPARED BY
HSE 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.

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