



## SAFETY DATA SHEET 1169

### IKO COLD GOLD FIELD ADHESIVE

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

PRODUCT NAME	IKO Cold Gold Field Adhesive
TRADE NAME	Elastomeric Urethane Adhesive
PRODUCT NUMBER	1890000
CHEMICAL FAMILY	Mixture
PRODUCT USE	Adhesive
MANUFACTURER/SUPPLIER	BramCal Production Co. 305 Rutherford Road South, Brampton, ON L6W 3R5
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 DANGER

SYMBOL(S)



CLASSIFICATION Carcinogenicity – Category 2  
Eye Irritation – Category 2A  
Respiratory Sensitization – Category 1  
Skin Irritation – Category 2  
Skin Sensitization – Category 1  
Specific Target Organ Toxicity (repeated exposure) – Category 2  
Specific Target Organ Toxicity (single exposure) – Category 3

HAZARD STATEMENTS H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.  
H351 Suspected of causing cancer.  
H373 May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONARY P201 Obtain special instructions before use.



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#### STATEMENTS

P202 Do not handle until all safety precautions have been read and understood.  
 P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
 P264 Wash thoroughly after handling.  
 P271 Use only outdoors or in a well-ventilated area.  
 P272 Contaminated work clothing must not be allowed out of the workplace.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P285 [In case of inadequate ventilation] wear respiratory protection.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P308+P313 IF exposed or concerned: Get medical advice/attention.  
 P314 Get medical advice/attention if you feel unwell.  
 P312 Call a POISON CENTER/doctor if you feel unwell.  
 P321 Specific treatment (see on this label).  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.  
 P362 Take off contaminated clothing and wash it before reuse.  
 P363 Wash contaminated clothing before reuse.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.  
 P501 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

HAZARDOUS CHEMICAL NAME	% (w/w)	CAS NUMBER
Asphalt (Bitumen)	25-50	8052-42-4
Isocyanates, Reaction product of polyol with Methylene diphenyl diisocyanate	5-20	39420-98-9
4-isocyanatosulphonyltoluene	≤ 0.5	4083-64-1



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#### SECTION 4 – FIRST AID

INHALATION	Supply fresh air or oxygen; call for doctor. In case of unconsciousness place patient stably in side position for transportation.
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. Seek medical treatment.
SKIN CONTACT	Wash contaminated skin with soap and water.
EYE CONTACT	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
ACUTE AND CHRONIC SYMPTOMS	Refer to section 11, Toxicological Information, for additional information.
MEDICAL ATTENTION	No information available.

#### SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	Carbon dioxide, extinguishing powder or water spray. Fight larger fires with water spray.
FIRE FIGHTING	Use firefighting measures that suit the environment.
FLAMMABILITY	Not applicable.
PROPERTIES:	
FLASH POINT	149°C (300°F)
FLAMMABLE LIMITS IN AIR	No information available.
AUTO IGNITION TEMPERATURE	No information available.
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
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Protective Action Criteria for Chemicals:

PAC-1:		
8052-42-4	Asphalt	30 mg/m <sup>3</sup>
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	9.3 mg/m <sup>3</sup>
PAC-2:		
8052-42-4	Asphalt	330 mg/m <sup>3</sup>
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	100 mg/m <sup>3</sup>
PAC-3:		
8052-42-4	Asphalt	2,000 mg/m <sup>3</sup>
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	230 mg/m <sup>3</sup>

**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.

**SECTION 7 - HANDLING AND STORAGE**

**HANDLING PROCEDURE**

Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling. Use the personal protection described in section 8, Exposure Control and Personal Protection.

**STORAGE PRECAUTIONS**

Store in a cool location away from direct heat. Store away from oxidizing agents. Keep receptacle tightly sealed.

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

CHEMICAL NAME	OCCUPATIONAL EXPOSURE LIMITS				
	ALBERTA	ONTARIO	BRITISH COLUMBIA	OSHA	ACGIH
Asphalt (Bitumen) Fumes	TWA : 5 mg/m <sup>3</sup>	TWA : 0.5 mg/m <sup>3</sup>	TWA : 0.5 mg/m <sup>3</sup>	No information available.	TWA : 0.5 mg/m <sup>3</sup>
Isocyanates, Reaction product of polyol with Methylendiphenyl diisocyanate	No information available.	Ceiling : 0.02 ppm	Ceiling : 0.01 ppm	No information available.	No information available.
4-isocyanatosulphonyltoluene	No information available.				

**ENGINEERING MEASURES**

Ventilation required in confined areas.



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#### PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION	Not necessary if room is well-ventilated. In the absence of adequate ventilation, use NIOSH-certified respiratory protection when chemical exposure is excessive or above an established exposure limit. Comply with local/government regulations.
SKIN AND BODY PROTECTION	Protective work clothing.  Protective gloves: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  Material of gloves: Nitrile rubber (NBR), Chloroprene rubber (CR). 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.  Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
EYE PROTECTION	Safety glasses with side shields.
HYGIENE MEASURES	Keep away from food, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
OTHER CONTROLS	No information available.

#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (PHYSICAL STATE, COLOR etc.)	Black mastic
ODOR	Faint petroleum
ODOR THRESHOLD	No information available.
PH	No information available.
MELTING POINT/FREEZING POINT	No information available.
INITIAL BOILING POINT AND BOILING RANGE	No information available.
FLASH POINT	149°C (300°F)
EVAPORATION RATE	No information available.
FLAMMABILITY	No information available.



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UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	No information available.
VAPOR PRESSURE	No information available.
VAPOR DENSITY	No information available.
MOLECULAR WEIGHT	No information available.
SOLUBILITY(IES)	Not miscible or difficult to mix.
PARTITION COEFFICIENT: N- OCTANOL/WATER	No information available.
AUTO-IGNITION TEMPERATURE	Product is not self-igniting
SPECIFIC GRAVITY	0.98 g/cm <sup>3</sup> (8.178 lbs/gal) at 20°C (68°F)
VISCOSITY	65,000 - 90,000 cps
OTHER INFORMATION	VOC's < 250 g/l

#### SECTION 10 – STABILITY AND REACTIVITY

##### REACTIVITY:

CHEMICAL STABILITY	Stable under ambient conditions.
POSSIBILITY OF HAZARDOUS REACTIONS	No dangerous reactions known.
CONDITIONS TO AVOID	Exposure to high temperatures. AVOID EXPOSURE TO AIR OR MOISTURE UNTIL READY TO USE.
INCOMPATIBLE MATERIALS	Reacts with oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon and nitrogen, Isocyanates, Hydrocarbons.

#### SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC TOXICITY	WARNING: This product may contain Asphalt. IARC concludes that Asphalt is possibly carcinogenic to humans. IARC classification: Group 2B
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LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION		
101-68-8 4,4'-methylenediphenyl diisocyanate		
Oral	LD50	2200 mg/kg (mouse)

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

No information available.

PRIMARY ROUTE OF EXPOSURE

Skin contact and inhalation.

HEALTH EFFECTS:

EYES Irritating effect.

SKIN May irritate the skin. Sensitization possible through skin contact.

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

IARC ( INTERNATIONAL AGENCY FOR RESEARCH ON CANCER)		
8052-42-4	Asphalt	Class 2B
39420-98-9	Isocyanates, Reaction product of polyal with Methylenediphenyl diisocyanate	Class 3

NTP (NATIONAL TOXICOLOGY PROGRAM)
None of the ingredients are listed.

OSHA-Ca (OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION)
None of the ingredients are listed.

REPRODUCTIVE TOXICITY:

DEVELOPMENT OF OFFSPRING

No information available.

SEXUAL FUNCTION AND FERTILITY

No information available.

GERM CELL MUTAGENICITY

No information available.



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#### SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY	No information available.
PERSISTENCE & DEGRADABILITY	No information available.
BIODEGRADATION MOBILITY	No information available.
BIOACCUMULATION POTENTIAL	No information available.

#### SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS	Dispose of contents and container in accordance with local, regional, national and international regulations.
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#### SECTION 14 – TRANSPORT INFORMATION

UN-NUMBER:	
DOT	Not regulated
ADN, IMDG, LATA	Not regulated
UN PROPER SHIPPING NAME:	
DOT	Not regulated
ADN, IMDG, LATA	Not regulated
TRANSPORT HAZARD CLASS(ES):	
DOT	Not regulated
ADN, IMDG, LATA CLASS	Not regulated
PACKING GROUP:	
DOT	Not regulated
IMDG, LATA	Not regulated
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
TRANSPORT/ADDITIONAL INFORMATION	DOT, ADR, IMDG, LATA- Not regulated in transport
UN "MODEL REGULATION"	Not regulated





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**SECTION 15 - REGULATIONS**

OSHA	None of the ingredients is listed
EPA	Isocyanates, Reaction product of polyol with Methylenediphenyl diisocyanate (CAS # 39420-98-9) as CBD
ACGIH	Provides a TLV (Threshold Limit Value) for Asphalt (CAS# 8052-42-4) since it is considered a carcinogen Cat. A4
NIOSH -Ca	Lists Asphalt (CAS# 8052-42-4) as a carcinogen
MAK (GERMAN MAXIMUM WORKPLACE CONCENTRATION)	Lists Asphalt (CAS# 8052-42-4) as Cat. 2 and Isocyanates, Reaction product of polyol with Methylenediphenyl diisocyanate (CAS # 39420-98-9) as Cat. 4

US FEDERAL REGULATIONS	TSCA (TOXIC SUBSTANCE CONTROL ACT)	US EPCRA (SARA TITLE III) SECTION 313 – TOXIC CHEMICALS: LISTED SUBSTANCES
Asphalt CAS# 8052-42-4	Listed	Not listed
Isocyanates, Reaction product of polyol with Methylenediphenyl diisocyanate CAS# 39420-98-9	Listed	Listed
2,2-dimethyl-1-(methylethyl)-1,3-propanediyl bis(2-methylpropanoate) CAS# 6846-50-0	Listed	Not listed
Butyl Polymer	Listed	Not listed
[3-(2,3-epoxypropoxy) propyl] trimethoxysilane CAS# 2530-83-8	Listed	Not listed
Tertiary Amine	Listed	Not listed
Polyethylene	Listed	Not listed
4-isocyanatosulphonyltoluene CAS# 4083-64-1	Listed	Not listed

**US STATE REGULATIONS**

US STATE REGULATIONS	ASPHALT CAS# 8052-42-4
US California Hazardous Substances (Director`s): Listed substance	Listed
US California Proposition 65 – Carcinogens & Reproductive Toxicity (CRT): Listed substance	Listed
US-New Jersey RTK – Substances: Listed substance	Listed
US. Massachusetts RTK – Substance List	Listed
US. New Jersey Worker and Community Right to Know Act	Listed
US. Pennsylvania RTK – Hazardous Substances	Listed



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### INVENTORY STATUS

COUNTRY(S) OR REGION	INVENTORY NAME	ON INVENTORY (YES/NO)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List ( NDSL)	No
US & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product compliance with the inventory requirements administrated by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administrated by the governing country(s).

<b>SECTION 16 – OTHER INFORMATION</b>
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REVISION DATE OF SDS                      January 23, 2018

REPLACES THE MSDS/SDS FROM                      June 30, 2017

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.