



## SAFETY DATA SHEET 1170

### IKO COLD GOLD FLASHING ADHESIVE

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

PRODUCT NAME	IKO Cold Gold Flashing Adhesive
TRADE NAME	Elastomeric Urethane Adhesive
PRODUCT NUMBER	1890001
CHEMICAL FAMILY	Mixture
PRODUCT USE	Sealant
MANUFACTURER/SUPPLIER	IKO Industries Ltd. 71 Orenda Road Brampton, Ontario L6W 1V8
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 Sensitizer – Category 1  
Skin Irritation – Category 2  
Skin Sensitizer – Category 1  
Specific Target Organ Toxicity –Single Exposure – Category 3  
Specific Target Organ Toxicity –Repeated Exposure – Category 2

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 STATEMENTS  
P101 If medical advice is needed, have product container or label at hand



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P102 Keep out of reach of children  
P103 Read label before use  
P201 Obtain special instructions before use  
P202 Do not handle until all safety precautions have been read and understood  
P260 Do not breathe dust/fume/gas/mist/vapours/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  
P308+P313 If exposed or concerned: Get medical advice/attention  
P302+P352 IF ON SKIN: Wash with plenty of soap and 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.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell  
P314 Get medical advice/attention if you feel unwell  
P312 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 or doctor/physician.  
P362 Take off contaminated clothing and wash it 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.

#### 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	25-50	39420-98-9
Carbon black	2.5-10	1333-86-4
4-isocyanatosulphonyltoluene	≤ 0.5	26447-40-5

#### 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.



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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 fire fighting 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.
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.



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#### SECTION 7 - HANDLING AND STORAGE

HANDLING PROCEDURE	Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling.
STORAGE PRECAUTIONS	Storage 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
Isocyanates, Reaction product of polyol with Methylene diphenyl diisocyanate	No information available.				
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>
Carbon Black	TWA : 3.5 mg/m <sup>3</sup>	TWA : 3 mg/m <sup>3</sup>	TWA : 3 mg/m <sup>3</sup>	TWA : 3.5 mg/m <sup>3</sup>	TWA : 3 mg/m <sup>3</sup>
4-isocyanatosulphonyltoluene	No information available				

#### PERSONAL PROTECTIVE EQUIPMENT:

**RESPIRATORY PROTECTION** No 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 OSH 29 CFR 1910.134

**SKIN AND BODY PROTECTION** Protection of hands: Chloroprene rubber, CR. The selection of gloves does not 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.

Body Protection: Protective work clothing



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EYE PROTECTION	Safety glasses with side shields
HYGIENE MEASURES	Keep away from foodstuffs, beverages and feed. 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.)	Mastic, Black
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 (300.2°F)
EVAPORATION RATE	No information available.
FLAMMABILITY	Not applicable
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	Lower: % by volume = .9 Upper: % by volume = 6.7
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	1.01 g/cm <sup>3</sup> (9.18 lbs./gal) at 20°C (68°F)
VISCOSITY	200,000 – 400,000 cps



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#### SECTION 10 – STABILITY AND REACTIVITY

##### REACTIVITY:

CHEMICAL STABILITY	No information available.
POSSIBILITY OF HAZARDOUS REACTIONS	No dangerous reactions known
CONDITIONS TO AVOID	Exposure to high temperatures.
INCOMPATIBLE MATERIALS	Reacts with oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon and nitrogen. Isocyanate. Hydrocarbons

#### SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC TOXICITY:	No information available
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	No information available.
PRIMARY ROUTE OF EXPOSURE	Skin and eye contact.
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.



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### CARCINOGENICITY

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER)		
8052-42-4	Asphalt	2B
39420-98-9	Isocyanates, Reaction product of polyol with Methylendiphenyl diisocyanate	3
1333-86-4	Carbon black	2B

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

### 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.

PERSISTENCE & DEGRADABILITY No information available.

BIODEGRADATION MOBILITY No information available.

BIOACCUMULATION POTENTIAL No information available.

## SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS Must be specially treated adhering to official regulations. Disposal must be made according to official 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, IATA – Not regulated in transport  
Proof of Transportation Classification: The SDS authoring software has TDG classification capabilities based on product composition. Products are classified as per the revision date provided on the SDS

**UN “MODEL REGULATION”** Not regulated

### SECTION 15 - REGULATIONS

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

TSCA (TOXIC SUBSTANCES CONTROL ACT)
All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirement

**(DSL) CANADIAN DOMESTIC SUBSTANCE LIST**

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





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NATIONAL REGULATIONS

TECHNICAL INSTRUCTIONS (AIR):

Class	Share in %
I	14.2

WATER HAZARD CLASS

Water hazard class 1 (Self-assessment): slightly hazardous for water

CHEMICAL SAFETY ASSESSMENT:

A Chemical Safety Assessment has not been carried out

#### SECTION 16 – OTHER INFORMATION

REVISION DATE OF SDS April 12, 2018

REPLACES THE MSDS/SDS FROM June 30, 2017

PREPARED BY HSE department

GENERAL INFORMATION 1-888-766-2468

WEBSITE [www.iko.com](http://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 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.