

#1263

MATERIAL SAFETY DATA SHEET

ABBREVIATIONS:

NA=NOT APPLICABLE  
ND=NOT DETERMINED  
NE=NOT ESTABLISHED

HEALTH= 1  
FLAMMABILITY= 0  
REACTIVITY= 0  
PERSONAL PROTECTION= +  
+ SEE SECTION VII

WHMIS CLASSIFICATION: D2a, D2b

SECTION I PRODUCT IDENTIFICATION AND USE

MATERIAL NAME/IDENTIFIER: IKO Cold Gold Flashing Cement Part A

MANUFACTURER/SUPPLIER: IKO Industries Ltd.  
87 Orenda Road  
Brampton, Ontario  
L6W 1V7  
PHONE: (905) 457-2880 - EXT. 3354  
EMERGENCY: 1-613-996-6666 CANUTEC (24 hr. emergency information only)

CHEMICAL FAMILY: Polyurethane mixture  
CHEMICAL FORMULA/MOLECULAR WT:  
TRADE NAME AND SYNONYMS:  
MATERIAL USE: Flashing and Membrane cement  
P.I.N.: NA

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME	OSHA-PEL	ACGIH-TLV	LD50/LC50	%WT/WT
NONE				

CAS #  
CARCINOGEN: NO

SECTION III PHYSICAL DATA

APPEARANCE, PHYSICAL STATE AND ODOUR: Light Brown, Mild odour  
ODOR THRESHOLD (PPM): NE  
SPECIFIC GRAVITY/DENSITY (G/ML): 0.94 – 1.03  
VAPOR PRESSURE (MM): NE  
VAPOR DENSITY (AIR=1): NE  
EVAPORATION RATE (BUAC=1): NA  
BOILING POINT: NA  
MELTING/FREEZING POINT: NA  
pH: NA  
COEFFICIENT OF WATER/OIL DISTRIBUTION: NE  
SOLUBILITY IN WATER: Negligible  
% VOLATILE BY WEIGHT: < 1%

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SECTION IV FIRE OR EXPLOSION DATA

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FLASH POINT: > 140°C  
AUTO IGNITION TEMPERATURE: NE  
SENSITIVITY TO MECHANICAL IMPACT: ND  
EXPLOSIVE POWER: ND  
UPPER EXPLOSION LIMIT .NA  
LOWER EXPLOSION LIMIT: NA  
RATE OF BURNING: NE  
SENSITIVITY TO STATIC DISCHARGE: NA

EXTINGUISHING MEDIA: Carbon Dioxide, dry chemical, foam. In a large fire a water spray should be used.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Cool containers exposed to fire with water as heat may cause a pressure buildup.

FLAMMABILITY: NA  
UNDER WHAT CONDITIONS: NA

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SECTION V REACTIVITY DATA

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STABILITY: Stable  
CONDITIONS TO AVOID: ND

HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: Carbon Monoxide, Carbon Dioxide, Oxides of Nitrogen can form, dense black smoke, Hydrogen Cyanide.

INCOMPATIBILITY (MATERIALS TO AVOID): water, amines, strong bases, alcohols.

HAZARDOUS POLYMERIZATION: will not occur.

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SECTION VI TOXICOLOGICAL PROPERTIES

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PRIMARY ROUTES OF ENTRY:

Inhalation: Can cause headache, irritation, nausea, drowsiness, coughing and allergic respiratory sensitization. Leave area to breathe fresh air. Seek a physician if exposure is severe.

Skin: Can cause irritation, sensitization and dermatitis.

Ingestion: Can cause gastrointestinal irritation.

EYES: can cause irritation.

EFFECTS OF OVEREXPOSURE, CHRONIC: Prolonged or repeated skin contact may result in Dermatitis. Other ingredients have not been proven to cause chronic conditions in humans. There have been varying results in lab animals.

EFFECTS OF OVEREXPOSURE, ACUTE: May aggravate preexisting eye, skin and respiratory disorders.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Asthma

CARCINOGENICITY: none

LD50 OF PRODUCT: ND

LC50 OF PRODUCT: ND

IRRITANT: ND

SENSITIZER: Yes

SYNERGISTIC MATERIALS:

REPRODUCTIVE EFFECTS: ND

TERATOGENIC: ND

MUTAGENIC: ND

WHMIS CLASSIFICATION: D2a, D2b

**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." 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.**

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SECTION VII PREVENTIVE MEASURES, SAFE HANDLING AND USE,  
REGULATORY INFORMATION

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LEAK AND SPILL PROCEDURES:

Dike spill area. Absorb spill using sand, earth or other suitable material. Transfer to appropriate container and dispose of meeting all safety and regulatory requirements.

WASTE DISPOSAL METHOD:

Dispose of according to local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

OTHER:

Keep out of the reach of children! Store in tightly sealed containers to avoid moisture contamination.

VENTILATION:

RESPIRATORY PROTECTION: If materials are at an elevated temperature, >80C or is to be sprayed, use a NIOSH or OSHA approved respirator for Isocyanates.

PROTECTIVE GLOVES: YES

EYE PROTECTION: YES

OTHER PROTECTIVE EQUIPMENT:

WORK/HYGIENIC PRACTICES:

Remove contaminated clothing, launder before reuse.

REPORTABLE QUANTITY (MIN. UNDER ANY ACT):

RCRA HAZARDOUS WASTE NO: none

DOT PROPER SHIPPING NAME:

IDENTIFICATION NO:

VOLATILE ORGANIC COMPOUNDS (VOC) <1%

TDG CLASSIFICATION: Not Regulated

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SECTION VIII FIRST AID MEASURES

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EMERGENCY AND FIRST AID PROCEDURES:

Skin: Wash area of contact thoroughly with hand cleaner followed by soap and water. If an irritation, rash or other disorders develop, seek medical attention immediately.

Eyes: Flush immediately with running water for 15 min. lifting the upper and lower lids occasionally.

Ingestion: Seek medical attention immediately.

Inhalation: Leave area to breathe fresh air. Should be observed by physician if exposure is severe.

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SECTION IX PREPARATION INFORMATION

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Prepared/Reviewed by: HSE Department

Date: August 3, 2015

The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with the Company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.