



SAFETY DATA SHEET 1147

IKO SAM ADHESIVE (Retail Version) IKO SAM ADHESIVE (Commercial Version)

SECTION 1 – SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

PRODUCT NAME	IKO SAM Adhesive
TRADE NAME	High Tack Primer Adhesive
PRODUCT NUMBER	1850032, 1850034
CHEMICAL FAMILY	No information available.
PRODUCT USE	Primer Adhesive
MANUFACTURER/SUPPLIER	BramCal Production Ltd. 305 Rutherford Road Brampton, Ontario L6W 3R5
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

SIGNAL WORD DANGER

SYMBOL(S)



CLASSIFICATION
Acute toxicity (Dermal) – Category 5
Aspiration hazard – Category 1
Carcinogenicity – Category 1B
Eye irritation – Category 2A
Flammable liquid – Category 2
Reproductive toxicity – Category 2
Skin irritation – Category 2
Specific target organ toxicity (repeated exposure) – Category 2
Specific target organ toxicity (single exposure) – Category 3

HAZARD STATEMENTS
H225 Highly flammable liquid and vapor.
H302+H312 May be harmful if swallowed, in contact with skin or if inhaled.
H315+H319 Causes skin and eye irritation.
H336 May cause drowsiness or dizziness.
H361 Suspected of damaging fertility or the unborn child.

PRECAUTIONARY STATEMENTS
P202 Do not handle until all safety precautions have been read and understood.



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P210 Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical, ventilating, and lighting equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash hands and skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection

P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor.

P302+352 IF ON SKIN: Wash with plenty of water.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with 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 IF exposed or concerned: Get medical advice or attention.

P331 Do NOT induce vomiting.

P370 In case of fire: Use appropriate foam, carbon dioxide, dry chemical powder to extinguish.

P403+ P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents and container in accordance with local, regional, national and international regulations.

NFPA No information available.

HMIS No information available.

SECTION 3 – CHEMICAL COMPOSITION AND DATA ON COMPONENTS

HAZARDOUS CHEMICAL NAME	% (w/w)	CAS NUMBER
Naphtha (petroleum), hydrotreated light	< 35	64742-49-0
Acetone	< 20	67-64-1
Toluene	< 12	108-88-3
Solvent-refined heavy paraffinic petroleum distillate (mildly solvent-refined)	< 2	64742-88-4



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SECTION 4 – FIRST AID

INHALATION	Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.
INGESTION	Drink 1 or 2 glasses of water to dilute. DO NOT INDUCE VOMITING. Consult a physician or Poison Control center immediately. Treat symptomatically.
SKIN CONTACT	Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Quickly and gently blot or brush away excess chemical. Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. Get medical advice or attention if you feel unwell or are concerned. Safely dispose of contaminated clothing, shoes and leather goods. DO NOT re-use.
EYE CONTACT	Quickly and gently blot or brush chemical off the face. Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.
ACUTE AND CHRONIC SYMPTOMS	No information available.
MEDICAL ATTENTION	No information available.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	Foam, dry chemical, carbon monoxide or any other class B extinguishing agent.
FIRE FIGHTING	Can be ignited by static discharge. May travel a considerable distance to a source of ignition and flash back to a leak or open container. May accumulate in hazardous amounts in low-lying areas especially inside confined spaces, resulting in a fire and/or health hazard.
FLAMMABILITY	Highly flammable liquid and vapour.
PROPERTIES:	
FLASH POINT	≤ -18°C (0°F) (Naphtha (petroleum), hydrotreated light)
FLAMMABLE LIMITS IN AIR	No information available.
AUTO IGNITION TEMPERATURE	223°C (433°F) (Naphtha (petroleum), hydrotreated light)
SPECIAL PPE FOR FIRE-FIGHTERS	Use extreme caution. Evacuate area. Fight fire from a protected, explosion-resistant location or maximum distance possible. Exposure



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to vapors or products of combustion should be avoided. Self-contained breathing apparatus is recommended. Vapors may form an explosive mixture with air. Closed containers may rupture when exposed to extreme heat.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE MEASURES AND EMERGENCY PROCEDURES

Emergency responders: evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Use the personal protective equipment recommended in Section 8, Exposure Control and Personal Protection.

ENVIRONMENTAL PRECAUTIONS

It is good practice to prevent releases into the environment. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

SPILL MANAGEMENT

Review Section 7, Handling and Storage, before proceeding with clean-up. Do not use absorbents. Contain spill using noncombustible material such as vermiculite, earth or sand. Dike spilled product to prevent runoff. Review Section 13, Disposal Considerations.

SECTION 7 - HANDLING AND STORAGE

HANDLING PROCEDURE

Avoid breathing in this product. Prevent skin contact. Avoid repeated or prolonged skin contact. Do not swallow. Avoid exposure during pregnancy and while nursing. Only use where there is adequate ventilation. Prevent uncontrolled release of product. Immediately report leaks, spills or failures of the safety equipment (e.g. ventilation system). In the event of a spill or leak, exit the area immediately. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Electrically bond and ground equipment. Ground clips must contact bare metal. Use non-sparking tools. Wear personal protective equipment to avoid direct contact with this chemical. Remove contaminated clothing and protective equipment before entering eating areas or leaving work area. Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area. Properly dispose of any contaminated items, including shoes that cannot be decontaminated. DO NOT re-use.

STORAGE PRECAUTIONS

Store in an area that is: cool, well ventilated, out of direct sunlight and away from heat and ignition sources. Empty containers may contain hazardous residue. Store separately. Keep closed. Follow all precautions given on this safety data sheet. Comply with all applicable health and safety regulations, fire and building codes.



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SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

CHEMICAL NAME	OCCUPATIONAL EXPOSURE LIMITS				
	ALBERTA	ONTARIO	BRITISH COLUMBIA	OSHA	ACGIH
Acetone	TWA : 500 ppm Ceiling : 750 ppm	TWA : 500 ppm STEL: 750 ppm	TWA : 250 ppm STEL: 500 ppm	TWA: 1000 ppm	TWA : 500 ppm STEL: 750 ppm
Toluene	TWA : 50 ppm	No information available.	No information available.	TWA : 200 ppm Ceiling : 300 ppm	TWA : 20 ppm STEL : 20 ppm
Solvent-refined heavy paraffinic petroleum distillate (mildly solvent-refined)	No information available.	No information available.	No information available.	No information available.	TWA : 5 mg/m ³
Naphtha (petroleum), hydrotreated light	No information available.				

ENGINEERING MEASURES

Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air. Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored. Control static electricity discharges which include bonding of equipment to ground. Provide eyewash in work area, if contact or splash hazard exists.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION

Wear a NIOSH approved air-purifying respirator with an organic vapour cartridge. Use a NIOSH approved respirator if there is a risk of exposure to dust/fumes at levels exceeding the exposure limits. A NIOSH approved air-purifying respirator with the appropriate chemical cartridges or positive-pressure, air-supplied respirator may be used to reduce exposure. Advice should be sought from respiratory protection specialist.

SKIN AND BODY PROTECTION

Wear chemical protective clothing e.g. gloves, aprons, boots.

EYE PROTECTION

Wear chemical safety goggles.

HYGIENE MEASURES

Wash exposed skin prior to eating, drinking or smoking and at the end of each shift. Wash contaminated clothing prior to reuse.

OTHER CONTROLS

No information available.



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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (PHYSICAL STATE, COLOR etc.)	Yellow viscous liquid
ODOR	Pungent
ODOR THRESHOLD	0.071 ppm (tert-Butyl acetate)
PH	No information available
MELTING POINT/FREEZING POINT	Not available (freezing)
INITIAL BOILING POINT AND BOILING RANGE	56°C (133°F) (Acetone)
FLASH POINT	≤ -18°C (0°F) (Naphtha (petroleum), hydrotreated light)
EVAPORATION RATE	5.6 (estimated) (n-butyl acetate = 1)
FLAMMABILITY	Highly flammable liquid and vapour.
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS	8% (Naphtha (petroleum), hydrotreated light) (upper); 1% (Naphtha (petroleum), hydrotreated light) (lower)
VAPOR PRESSURE	≤ 1800 mm Hg (240 kPa) (Naphtha (petroleum), hydrotreated light)
VAPOR DENSITY	No information available
MOLECULAR WEIGHT	No information available
SOLUBILITY(IES)	Insoluble in water; aromatic hydrocarbons (e.g. toluene).
PARTITION COEFFICIENT: N-OCTANOL/WATER	No information available
AUTO-IGNITION TEMPERATURE	223°C (433°F) (Naphtha (petroleum), hydrotreated light)
SPECIFIC GRAVITY	0.8
VISCOSITY	275 - 375 centipoises at 25°C (dynamic)



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SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY:

CHEMICAL STABILITY Stable under normal conditions of use.

POSSIBILITY OF
HAZARDOUS REACTIONS No information available

CONDITIONS TO AVOID Open flames, sparks, static discharge, heat and other ignition sources.

INCOMPATIBLE MATERIALS Strong oxidizing agents (e.g. perchloric acid)

HAZARDOUS
DECOMPOSITION PRODUCTS No information available.

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE/CHRONIC TOXICITY

CHEMICAL NAME	LC50	LD50 (ORAL)	LD50 (DERMAL)
Acetone	32000 mg/m ³ (rat) (4-hour exposure)	5800 mg/kg (female rat)	20000 mg/kg (rabbit)
Naphtha (petroleum) hydrotreated light	54 mg/L (rat) (4- hour exposure)	>5000 mg/kg (rat)	4000 mg/kg (rabbit)
Toluene	7585 ppm (rat) (4- hour exposure)	5580 mg/kg (male rat)	12125 mg/kg (rabbit)
Solvent-refined heavy paraffinic petroleum distillate (mildly solvent-refined)	No information available.	> 5000 mg/kg (rat)	> 5000 mg/kg (rabbit)

MEDICAL
CONDITIONS
AGGRAVATED BY
EXPOSURE No information available.

PRIMARY ROUTE
OF EXPOSURE Inhalation

HEALTH EFFECTS:

EYES Human experience and animal tests show serious eye irritation.



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SKIN Skin sensitizer. Human experience and animal tests show mild irritation.

INHALATION Not a respiratory sensitizer.

INGESTION No information available.

STOT (SPECIFIC TARGET ORGAN TOXICITY) – SINGLE EXPOSURE Inhalation:
High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and loss of consciousness and even death). High vapour concentrations are irritating to the eyes, nose, throat, and lungs.

Skin Absorption:
May be harmful if absorbed through skin. May cause skin irritation.

STOT (SPECIFIC TARGET ORGAN TOXICITY) – REPEATED EXPOSURE Effects similar to STOT (Specific Target Organ Toxicity) - Single Exposure, as described above.

CARCINOGENICITY

CHEMICAL NAME	IARC	ACGIH®	NTP	OSHA
Acetone		A4		
Naphtha (petroleum), hydrotreated light	Group 3			
Toluene	Group 3	A4	Not listed	Not listed
Solvent-refined heavy paraffinic petroleum distillate (mildly solvent-refined)	Group 1			

REPRODUCTIVE TOXICITY:

DEVELOPMENT OF OFFSPRING Toluene is a developmental toxicity hazard, based on information obtained from animal studies. Fetotoxicity (reduced fetal weight), behavioral effects (effects on learning and memory) and hearing loss (in males) have been observed in the offspring of rats exposed by inhalation to 1200 or 1800 ppm toluene. These effects were observed in the absence of maternal toxicity

SEXUALFUNCTION AND FERTILITY No information available.

GERM CELL MUTAGENICITY No information available.



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SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY

Acute Aquatic Toxicity:

CHEMICAL NAME	LC50 FISH	EC50 CRUSTACEA	ERC50 AQUATIC PLANTS	ERC50 ALGAE
Acetone	No information available.	7630 (Daphnia magna (water flea); 48-hour)	No information available.	No information available.
Toluene	13 mg/L (Lepomis macrochirus (bluegill); 96-hour)	11.5-19.6 mg/L (Daphnia magna (water flea); 48-hour)	No information available.	No information available.
Naphtha (petroleum), hydrotreated light	11 mg/L (Pimephales promelas (fathead minnow))	No information available.	No information available.	No information available.

PERSISTENCE & DEGRADABILITY

No ingredient of this product or its degradation products is known to be highly persistent.

BIODEGRADATION MOBILITY

No information available.

BIOACCUMULATION POTENTIAL

This product and its degradation products are not expected to bio-accumulate.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS

Dispose of contents and container in accordance with local, regional, national and international regulations. The container for this product can present explosion or fire hazards, even when emptied. Do not cut, puncture, or weld on or near this container. Dispose of or recycle empty containers through an approved waste management facility.

SECTION 14 – TRANSPORT INFORMATION

SHIPPING INFORMATION

Adhesives, Flammable, UN1133, Class 3 PG II



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SECTION 15 - REGULATIONS

SAFETY, HEALTH AND ENVIRONMENT REGULATIONS

- CANADA Domestic Substances List (DSL)/Non-Domestic Substances List (NDSL)
All ingredients are listed on the DSL/NDSL.
- USA Toxic Substances Control Act (TSCA) Section 8(b)
All ingredients are listed on the TSCA inventory.

SECTION 16 – OTHER INFORMATION

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/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.