



## 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	IKO Industries Ltd. 87 Orenda Road Brampton, Ontario L6W 1V7
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

Flammable Liquid - Category 2  
Skin Irritation - Category 2  
Eye Irritation - Category 2  
Reproductive Toxicity – Category 2  
Specific Target Organ Toxicity (Single Exposure) - Category 3  
Specific Target Organ Toxicity (Repeated Exposure) - Category 2  
Aspiration Hazard - Category 1

HAZARD STATEMENTS

H225 Highly flammable liquid and vapour.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H361 Suspected of damaging the unborn child.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H304 May be fatal if swallowed and enters airways.

PRECAUTIONARY  
STATEMENTS

Prevention:  
P201 Obtain special instructions before use.



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

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof equipment.

P242 Use non-sparking tools

P243 Take action to prevent static discharges.

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

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

P264 Wash hands and skin thoroughly after handling.

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

#### Response:

P303 + P361 + P533 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P332 + P313 If skin irritation occurs: Get medical advice or attention.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice or attention.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTRE or doctor if you feel unwell.

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

P331 Do NOT induce vomiting.

P308 + P313 IF exposed or concerned: Get medical advice or attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P321 Specific treatment (see supplemental first aid instruction on this label).

P370 + P378 In case of fire: Use appropriate foam, carbon dioxide, dry chemical powder, water spray or fog to extinguish.

#### Storage:

P233 Keep container tightly closed.

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

P405 Store locked up.

#### Disposal:

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

NFPA

No information available.

HMIS

No information available.



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#### SECTION 3 – CHEMICAL COMPOSITION AND DATA ON COMPONENTS

HAZARDOUS CHEMICAL NAME	% (w/w)	CAS NUMBER
Naphtha (petroleum), hydrotreated light	15 - 40	64742-49-0
Acetone	10 - 30	67-64-1
Toluene	1 - 5	108-88-3

The exact percentage (concentration) of composition has been withheld as a trade secret.

#### SECTION 4 – FIRST AID

INHALATION	Remove source of exposure or move to fresh air. Keep at rest in a position comfortable for breathing. Get medical advice or attention if you feel unwell or are concerned.
INGESTION	Immediately call a Poison Centre or doctor. Do not induce vomiting.
SKIN CONTACT	Take off immediately 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. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely.
EYE CONTACT	Quickly and gently blot or brush chemical off the face. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention.
ACUTE AND CHRONIC SYMPTOMS	If inhaled: can harm the nervous system. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.
MEDICAL ATTENTION	Get medical advice or attention if you feel unwell or are concerned.  Target Organs: Nervous system, eyes, skin, respiratory system, lungs.  Special Instructions: Not applicable.  Medical Conditions Aggravated by Exposure: None known



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#### SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	<p>Suitable Extinguishing Media: Carbon dioxide, dry chemical powder or appropriate foam.</p> <p>Unsuitable Extinguishing Media: None known.</p>
FIRE FIGHTING	<p>Evacuate area. Fight fire from a protected, explosion-resistant location or maximum distance possible. Stop leak before attempting to put out the fire. Product could form an explosive mixture and reignite. Before entry, especially into confined areas, use an appropriate monitor to check for: flammable or explosive atmosphere, toxic gases or vapours. Review Section 6 (Accidental Release Measures) for important information on responding to leaks/spills.</p>
FLAMMABILITY	<p>Highly flammable liquid and vapour. Can ignite at room temperature. Releases vapour that can form explosive mixture with air. 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. See Section 9 (Physical and Chemical Properties) for flash point and explosive limits.</p>
SPECIAL PPE FOR FIRE-FIGHTERS	<p>A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.</p>

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE MEASURES AND EMERGENCY PROCEDURES	<p>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 of this safety data sheet. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Eliminate all ignition sources. Use grounded, explosion-proof equipment. Remove or isolate incompatible materials as well as other hazardous materials. May accumulate in hazardous amounts in low-lying areas especially inside confined spaces, if ventilation is not sufficient. Distant ignition and flashback are possible. Before entry, especially into confined areas, check atmosphere with an appropriate monitor. Monitor area for flammable or explosive atmosphere.</p>
ENVIRONMENTAL PRECAUTIONS	<p>It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.</p>
SPILL MANAGEMENT	<p>Review Section 7 (Handling and Storage) of this safety data sheet before proceeding with clean-up. Do not use absorbents. Contain spill using noncombustible material such as vermiculite, earth or sand. Do</p>



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NOT use combustible materials such as sawdust. Place used absorbent into suitable, covered, labeled containers for disposal. Contaminated absorbent poses the same hazard as the spilled product. Dike spilled product to prevent runoff. Review Section 13 (Disposal Considerations) of this safety data sheet.

#### OTHER INFORMATION

Contact supplier, local fire and emergency services for help.

## SECTION 7 - HANDLING AND STORAGE

#### HANDLING PROCEDURE

Obtain special instructions before use. Do not breathe in this product. Prevent all skin contact. Do not get in eyes, on skin or on clothing. Do not swallow. Only use where there is adequate ventilation. Prevent uncontrolled release of product. 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. Prevent accidental contact with incompatible chemicals. Wear personal protective equipment to avoid direct contact with this chemical. Keep containers tightly closed when not in use or empty. Wash hands thoroughly after handling this material. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. See Section 13 (Disposal Considerations) of this safety data sheet.

#### STORAGE PRECAUTIONS

Store in an area that is: cool, dry, ventilated, out of direct sunlight and away from heat and ignition sources, separate from incompatible materials (see Section 10: Stability and Reactivity). Protect from conditions listed in Conditions to Avoid in Section 10 (Stability and Reactivity). Store in a closed container. Electrically bond and ground containers. Ground clips must contact bare metal. 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.

## 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 : 250 ppm STEL: 500 ppm	TWA : 250 ppm STEL: 500 ppm	TWA: 1000 ppm	TWA : 500 ppm STEL: 750 ppm
Toluene	TWA : 50 ppm	TWA : 20 ppm	TWA : 20 ppm	TWA : 200 ppm Ceiling : 300 ppm	TWA : 20 ppm STEL : 20 ppm



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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.
SKIN AND BODY PROTECTION	Wear chemical protective clothing e.g. gloves, aprons, boots.
EYE PROTECTION	Wear chemical safety goggles.

#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (PHYSICAL STATE, COLOR etc.)	Yellow viscous liquid
ODOR	Pungent
ODOR THRESHOLD	0.16 - 37 ppm (Toluene)
PH	No information available
MELTING POINT/FREEZING POINT	Not information available
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 (SOLID, GAS)	Not applicable
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
RELATIVE DENSITY (WATER = 1)	0.8
SOLUBILITY	Insoluble in water; aromatic hydrocarbons (e.g. toluene).



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PARTITION COEFFICIENT: n-OCTANOL/WATER	No information available
AUTO-IGNITION TEMPERATURE	223°C (433°F) (Naphtha (petroleum), hydrotreated light)
DECOMPOSITION TEMPERATURE	No information available
VISCOSITY	No information available (kinematic) 275 - 375 centipoises at 25 °C (dynamic)

#### SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY:	Not reactive under normal conditions of use
CHEMICAL STABILITY	Normally stable.
POSSIBILITY OF HAZARDOUS REACTIONS	None known
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	None known.

#### SECTION 11 – TOXICOLOGICAL INFORMATION

##### ACUTE/CHRONIC TOXICITY

CHEMICAL NAME	LC50	LD50 (ORAL)	LD50 (DERMAL)
Acetone	32000 mg/m <sup>3</sup> (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)

LIKELY ROUTES OF EXPOSURE	Inhalation; skin contact; eye contact; ingestion.
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#### HEALTH EFFECTS:

##### SKIN CORROSION/ IRRITATION

Animal tests show moderate or severe irritation.

##### SERIOUS EYE DAMAGE/ IRRITATION

Human experience and animal tests show serious eye irritation.

##### 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:

No information was located.

###### Ingestion:

If large amounts are swallowed may cause harmful effects on the liver, irritation of the mouth, throat and stomach, depression of the central nervous system. Symptoms may include headache, nausea, dizziness, drowsiness and confusion. A severe exposure can cause unconsciousness.

##### ASPIRATION HAZARD

May be drawn into the lungs (aspirated) if swallowed or vomited. Death can result.

##### STOT (SPECIFIC TARGET ORGAN TOXICITY) – REPEATED EXPOSURE

May cause effects on the central nervous system. Symptoms may include headaches, fatigue, memory loss, irritability, depression and reduced ability to think or reason.

##### RESPIRATORY AND/OR SKIN SENSITIZATION

Not a respiratory sensitizer. Not known to be a skin sensitizer.

#### CARCINOGENICITY

CHEMICAL NAME	IARC	ACGIH®	NTP	OSHA
Acetone	Not Listed	A4	Not Listed	Not Listed
Naphtha (petroleum), hydrotreated light	Group 3	Not Listed	Not Listed	Not Listed
Toluene	Group 3	A4	Not Listed	Not Listed

#### REPRODUCTIVE TOXICITY:

##### DEVELOPMENT OF OFFSPRING

Toluene is a developmental toxicity hazard, based on information obtained from animal studies. Fetotoxicity (reduced fetal weight), behavioural 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.





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SEXUAL FUNCTION AND FERTILITY Does not cause effects on sexual function or fertility.

EFFECTS ON OR VIA LACTATION No information was located.

GERM CELL MUTAGENICITY Conclusions cannot be drawn from the limited studies available.

INTERACTIVE EFFECTS No information was located.

#### SECTION 12 – ECOLOGICAL INFORMATION

##### ECOTOXICITY

Acute Aquatic Toxicity:

CHEMICAL NAME	LC50 FISH	EC50 CRUSTACEA	ErC50 AQUATIC PLANTS	ErC50 ALGAE
Acetone	Not available	7630 (Daphnia magna (water flea); 48-hour)	Not available	Not available
Naphtha (petroleum), hydrotreated light	11 mg/L (Pimephales promelas (fathead minnow))	Not available	Not available	Not available
Toluene	13 mg/L (Lepomis macrochirus (bluegill); 96-hour)	11.5-19.6 mg/L (Daphnia magna (water flea); 48-hour)	Not available	Not available

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

BIOACCUMULATION POTENTIAL This product and its degradation products are not expected to bioaccumulate.

MOBILITY IN SOIL No information was located.

OTHER ADVERSE EFFECTS There is no information available.



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#### SECTION 13 – DISPOSAL CONSIDERATIONS

##### DISPOSAL METHODS

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.

#### SECTION 14 – TRANSPORT INFORMATION

##### SHIPPING INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Classes	Packing Group
Canadian TDG	UN 1133	Adhesives, Flammable	3	II
US DOT	UN 1133	Adhesives, Flammable	3	II

##### SPECIAL PRECAUTIONS

Not applicable

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not applicable

#### 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 June 28 2024

REPLACES THE MSDS/SDS FROM March 4, 2020

PREPARED BY Research 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



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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.