



MATBAA MÜREKKEPLERİ
PRINTING INKS

SAFETY DATA SHEET
*According to Regulation (EC) No. 1907/2006 (REACH)
and 453/2010/EC An. II*

Date of issue: 02.01.2017

LAK-1056

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY /
UNDERTAKING**

Identification of the substance or preparation

Product code : LAK-1056

Product name : LAK-1056 Over Print Varnish

Intended use : Printing Industry

Manufacturer/Supplier: Budin Akarca Ink & Paint Industry Trade Ltd. Co.

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Person responsible for this SDS:

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2. HAZARDS IDENTIFICATION

The product is classified as highly flammable within the meaning of the valid (EU) preparation guidelines 1999/45/EC, 1907/2006/EC REACH, 1272/2008/EC CLP and 67/548/EC.

Nature of Hazard :

Product may cause irritation to the eyes, use protective measures. This product is flammable: it is necessary to follow all instructions and necessary measures to avoid risks of fire and explosion.

F Highly flammable

Xi Irritant

Risk Phrases :

R 11, R 36, R 66, R 67



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3. COMPOSITION / DATA ON COMPONENTS

Declaration of ingredients (*) according to EC/1907/2006, 67/548/EC and EC/1272/2008:

CAS No	EINECS Number	EC Index Number	International Chemical Identification	67/548/EC		EC/1272/2008				
				Classification	Labelling	Hazard statement Code(s)	Hazard Class and Category Code(s)	Pictogram, Signal Word Code(s)	Hazard statement Code(s)	Suppl. Hazard Statement Code(s)
141-78-6	205-500-4	607-022-00-5	Ethyl Acetate	F ; R 11 X _i ; R 36 R 66 R 67	F; Xi R: 11-36-66-67 S: (2-) 16-26-33	H 225 H 319 H 336	Flamm. Liquid 2 Eye Irrit. 2 Stot Single 3	GHS 02 GHS 07 Dgr	H 225 H 319 H 336	EUH 066
64-17-5	200-578-6	603-002-00-5	Ethyl Alcohol	F ; R 11	F R: 11 S: (2-) 7-16	H 225	Flamm. Liquid 2	GHS 02 Dgr	H 225	-
-	-	-	Resin ***	N.A.	-	N.A.	N.A.	N.A.	N.A.	-

(*) These series include 50-80 % solvent.

(***) Resin concentrations and ratios may variable in series according to the ink's properties.

For full text of the Risk, Safety and Hazard Phrases indicated by codes see section "16- Other Information".

Substances without classification may have community workplace exposure limits available.

Occupational exposure limits, if available, are listed in section 8.

4. FIRST AID MEASURES

Incase of Inhalation:

Move affected person to fresh air. Consult a doctor if complaint persist.

Incase of Eye Contact:

Rinse immediately with plenty of running water for few minutes. Seek medical attention if necessary.

Incase of Skin Contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing. If necessary, see a dermatologist.

Incase of Ingestion:

Rinse mouth, consult a physician or poison control centre immediately. Do not give anything orally without medical authorization if subject is unconscious. Do not induce vomiting.



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5. FIRE FIGHTING MEASURES

Suitable extinguishing media:

Carbon dioxide (CO₂), extinguishing powder foam or water mist. Fight larger fires with water mist or alcohol resistant foam. Do not use direct water.

Extinguishing media which must not be used for safety reasons:

Water jet (solvent-containing product).

Special protection equipment for firefighters:

Wear self-contained breathing apparatus and a full protective suit. Keep personnel upwind of fire.

Special hazards by the product itself:

Can form explosive gas/air mixtures.

Hazardous combustion products:

See section 10.

Additional information:

Cool endangered containers with water spray jet.

6. ACCIDENTAL RELEASE MEASURES

General information:

Keep away from sources of ignition and naked flames.

Person-related safety precautions:

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Keep away from ignition forces.

Measures for environmental protection:

Do not allow material to be released to the environment without proper governmental permits. Do not empty into drains / surface water / ground water. Inform authorities in the event of product spillage to water courses or sewage systems.

Measures for cleaning/collecting:

Remove mechanically. Wipe up using absorbent material and subject to waste incineration. Absorb with liquid-binding material (e.g. calcite, earth, sawdust). Dispose of contaminated material as waste according to item 13. evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up.

Additional information:

See section 7 for information safe handling.

See section 8 for information on personal protection equipment.

See section 13 for information on disposal.



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7. HANDLING AND STORAGE

Avoid naked flames, red-hot objects, radiant heating, sparking and sources of ignition. Do not spray onto flames or hot objects. Ventilate working rooms thoroughly. This product must be stored, handles and used in hygienic and safe way, according to current regulations.

Handling:

Switch off electrical devices. Prevent static electricity accumulations. Take measures to prevent the build-up of electrostatic charges. Keep containers tightly sealed. Do not smoke, do not weld. Do not empty waste into waste water drains.

Storage:

Store in cool, dry, ventilated areas in well-sealed original containers. Close the container carefully after use and store it a good ventilated place. Must be stored in a room with spill collection facilities. Keep away from heat and direct sunlight. Do not store near sources of heat or ignition, or reactive materials. Do not store together with oxidants. Protect from frost. Keep ignition sources away.

See section 8 for information handling and storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure controls:

Ensure good ventilation and local exhaustion of the working area to keep vapor concentration below the limits.

Engineering controls:

Ventilate working rooms thoroughly. Avoid naked flames, sparking and sources of ignition. Switch off electrical devices. Do not smoke, do not weld. Do not empty waste into waste water drains. Electric plant must comply to current regulations about use of flammable products.

Hand protection:

Wear suitable chemical resistant protective gloves during handling.

Eye protection:

Wear suitable protective goggles or facial protection.

Skin protection:

Wear protective equipment. Use suitable full protective clothing for chemicals (e.g. working-dress, apron) and wear protective boots.



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Advices to personal protection equipment:

Avoid eye and skin contact. Wash off any dirt that gets onto the skin with lots of soap and water, skin care. Do not breathe dust and vapors. Store working clothes separately. Do not eat, drink or smoke while working. Use solvent resistant skin protection cream.

General protection and hygiene measures:

Keep away from food, beverages and animal feed. Use only in well-ventilated areas. Avoid spraying/ aerosol generation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Transparent, Slightly Yellow Liquid.
Physical state : Liquid
Odor : As solvent
Flash point : 11 °C
Density at 20 °C : ≈0.970 g/cm³

Solubility in water : Not soluble in water.

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided:

No decomposition if correctly used and stored.

Materials to be avoided:

Reaction with strong oxidizing substances.

Conditions to avoid:

Keep away from, heat, fumes, sparks, other source of ignition and direct sun-light. Take measures to prevent the build-up of electrostatic charges.

Dangerous products of Decomposition:

Combustion can produce carbon oxides, nitrogen oxides, toxic gases and fumes.

11. TOXICOLOGICAL INFORMATION

General toxicological information:

The present product is a chemical preparation within the meaning of the chemicals act. The evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients. Assimilation by inhalation, swallowing or skin contact. Product is irritant, if inhaled and by eye contact. Ingestion might produce disturbs to the digestive system. If inhaled, congestion, irritation, cough and breathing difficulties might arise.



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Inhalative toxicity:

Danger of serious damage to health by prolonged exposure by inhalation.

Skin irritation:

Irritating to the skin

Eye irritation:

Irritating to eyes.

12. ECOLOGICAL INFORMATION

General ecological information:

If used properly the product does not enter the drains.

Degree of elimination:

Not soluble in water and therefore is not biodegradable.

Other remarks:

Do not empty into drains, soil or bodies of water.

13. DISPOSABLE CONSIDERATIONS

Consult state, local or national regulations for proper disposal. Hand over to disposers of hazardous waste. Must be specially treated under adherence to official regulations.

Product disposal:

Special waste incineration with the approval of the responsible local authority.

Disposal of un-cleaned packages:

Disposal must be made according to official regulations. Use packages for recycling only when totally empty. Packaging that cannot be cleaned are to be disposed of in the same manner as the product. Collection and delivery to recycling enterprise or other registered elimination institution.



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14. TRANSPORT INFORMATION

Technical name : PRINTING INK related material, flammable

Land Transport ADR/RID (cross-border)

ADR/RID Class : 3 – Flammable Liquid
Kemler Number : 33
U.N Number : 1210
Packaging group : II
Page Number : 3237

Air Transport ICAO-TI and IATA-DGR:

ICAO/IATA Class : 3 – Flammable Liquid
UN/ID Number : 1210
Page Number : 3237
Packaging group : II

Maritime transport IMDG/GGV Sea

Hazard Class : 3 – Flammable Liquid
U.N Number : 1210
Packing Group : II
EMS Number : F-E-S-D
Page Number : 3237
Marine pollutant : NA

15. REGULATORY INFORMATION

The product is classified and labeled for supply in accordance with the Chemicals /Hazard Information and Packaging regulations, 1999/45/EC, EC/1272/2008 and 67/548/EEC as follows:

Symbols of danger:

F Highly flammable
Xi Irritant





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R Phrases:

- R 11** Highly flammable
- R 36** Irritating to the eyes.
- R 66** Repeated exposure may cause skin dryness and cracking.
- R 67** Vapors may cause drowsiness and dizziness

H Phrases:

- H 225** Highly flammable liquid and vapour.
- H 319** Causes serious eye irritation.
- H 336** May cause drowsiness or dizziness..

S Phrases:

- S 2** Keep out of the reach of children
- S 7** Keep container tightly closed
- S 16** Keep away from sources of ignition
- S 24/25** Avoid contact with skin and eyes
- S 26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S 33** Take precautionary measures against static discharges.
- S 36/37/39** Wear suitable protective clothing, gloves and eye/face protection.
- S 45** In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

16. OTHER INFORMATION

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.