



MATBAA MÜREKKEPLERİ  
PRINTING INKS

## Material Safety Data Sheet According to 91/155 EC

Printing date 30.06.2008

### PT-6\*\*\* SERIES PRINTING INK

Reviewed on:19.06.2008

#### 1 PRODUCT IDENTIFICATION AND MANUFACTURER DETAILS

##### PRODUCT DETAILS

**Product name** : PT-6\*\*\* Series Printing Ink  
**Intended use** : Printing Industry  
**Manufacturer/Supplier** : Budin Akarca Ink & Paint Industry Trade Ltd. Co.  
10014 st. No.11 A.O.S.B B.CIGLI / IZMIR – TURKEY  
Tel: + 90 232 328 00 84  
Fax: + 90 232 376 75 84  
Email: info@budin.com.tr www.budin.com.tr  
**Informing Department** : Product Sales Department  
**Emergency Telephone** : 114 ( in Turkey )

#### 2 COMPOSITION / DATA ON COMPONENTS

CAS	EINECS	EC Index	Denomination	Classification
141-78-6	205-500-4	607-022-00-5	Ethyl Acetate	F ; R 11 Xi ; R 36 R 66 R 67
67-63-0	200-661-7	603-117-00-0	Propan-2-ol	F ; R 11 Xi ; R 36 R 66 R 67
1569-02-4	5125-53-8	216-374-5	1-Ethoxy-2-propanol	F ; R 10 Xi ; R 36/37
64-17-5	200-661-7	603-002-00-5	Ethanol	F ; R 11 Xi ; R 36
107-98-2	203-539-1	603-064-00-3	1-Methoxy-2-propanol	R10

(\*) These series include 50-65% Solvent.

#### 3 HAZARDS IDENTIFICATION

**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.

**R Phrases** : **R 11** High Flammable  
**R 36** Irritating to the eyes  
**R 66** Repeated exposure may cause skin dryness and cracking.  
**R 67** Vapours may cause drowsiness and dizziness



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#### 4 FIRST AID MEASURES

- Incase of Inhalation:** Move affected person to fresh air. Consult a doctor.
- Incase of Eye contact:** Flush immediately with large amounts of water for several minutes. Consult a doctor.
- Incase of skin contact:** Immediately lather skin with soap and wash thoroughly with water.
- Incase of ingestion:** Consult a physician or poison control centre immediately. Do not give anything orally without medical authorization if subject is unconscious. Do not induce vomiting.

#### 5 FIRE FIGHTING MEASURES

- Suitable extinguishing media:** CO<sub>2</sub>, extinguishing powder or water mist. Fight larger fires with water mist or alcohol resistant foam. Do not use direct water.
- Protective equipment:** Wear self-contained breathing apparatus and a full protective suit.

#### 6 ACCIDENTAL RELEASE MEASURES

- 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.
- Measures for cleaning/collecting:** Absorb with liquid-binding material (calcite, earth, sawdust)
- 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.

#### 7 HANDLING AND STORAGE

Avoid flames and radiant heating. This product must be stored, handles and used in hygienic and safe way, according to current regulations.

- Handling:** Prevent static electricity accumulations.  
Keep containers tightly sealed.
- Storage:** Store in cool, dry, ventilated areas in well-sealed containers.  
Protect from frost.  
Keep ignition sources away



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#### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational exposure controls:** Ensure good ventilation and local exhaustion of the working area to keep vapour concentration below the limits.

**Engineering measures:** Electric plant must comply to current regulations about use of flammable products.

**Hand protection:** Wear suitable gloves during handling.

**Eye protection:** Wear suitable goggles or face protection.

**Skin protection:** Use full protective clothing for chemicals (working-dress, apron)

#### 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Colored Liquid.

**Physical state:** Liquid

**Smell:** As solvent

**Flash point:** NA

**Density at 20 °C:**  $\approx 1.00 \text{ g/cm}^3$

**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:** Strong oxidizing substances.

**Conditions to avoid:** Keep away from ignition source, heat, direct light.

**Dangerous products of Decomposition:** Combustion can produce carbon oxides, toxic gases and fumes.

#### 11 TOXICOLOGICAL INFORMATION

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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#### 12 ECOLOGICAL INFORMATION

**Degree of elimination:** Not soluble in water and therefore is not biodegradable.

#### 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.

#### 14 TRANSPORT INFORMATION

**Technical name:** PRINTING INK, flammable

##### 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

##### 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



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#### 15 REGULATORY INFORMATION

The product is classified and labeled for supply in accordance with the Chemicals /Hazard Information and Packaging regulations as follows:

**Symbols of danger:**

**X<sub>i</sub>** Irritant  
**F** Highly flammable



**R Phrases**

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

**S Phrases**

: **S 16** Keep away from sources of ignition  
**S 7/9** Keep container tightly closed and in a well-ventilated place.  
**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 29** Do not empty into drains  
**S 36/37/39** Wear suitable protective clothing, gloves and eye/face protection  
**S 60** This material and its container must be disposed of as hazardous waste.  
**S 43** In case of fire, use sand, carbon dioxide or powdered extinguishing agent

#### 16 OTHER INFORMATION

This data sheet is based on our present MSDS knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.