OfficeWorld.com does not independently verify, and accordingly does not warrant, the accuracy of any information contained in this MSDS.

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Artline WETRITE

EK-47 (Black)(Blue)(Red)

General Use Permanent marker MSDS Number EA3023C-0101

MANUFACTURER

Company Name Shachihata Co.,Ltd.

Address 4-69, Amatuka-chou, Nishi-ku, Nagoya-shi, Aichi-ken, Japan

Telephone Number ++ 81 52 521 3600 Fax Number ++ 81 52 521 3899

2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture Mixture

Hazardous Ingredients

 Chemical or Common Name(s)
 wt.%
 CAS. Number
 EINECS Number

 Alkanes, C7-C10-iso 60 ~ 70
 90622-56-3
 292-458-5

EU symbol(s) and risk phrase(s) is specified in 15. REGULATORY INFORMATION.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Flammable liquid with a solvent odor. May cause allergic skin reaction.

POTENTIAL HEALTH EFFECT

No data available

POTENTIAL ENVIRONMENTAL EFFECTS

No data available



MATERIAL SAFETY DATA SHEET

4. FIRST AID MEASURES

INHALATION Move to well ventilated place.

See medical advice immediately.

EYE Immediately flush with plenty of water.

See medical advice immediately.

SKIN Wipe off with dry cloth and wash with mild soap.

See medical advice immediately.

INGESTION See medical advice immediately.

PROTECTION TO FIRST - AIDERS

No data available

NOTE TO PHYSICIAN

Treatment may vary with condition of victim and specifics of incident.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Highly flammable

EXTINGUISHING MEDIA

Dry chemical powder, foam or carbon dioxide.

FIRE FIGHTING INSTRUCTIONS

Wear full fire-fighting turn-out gear and respiratory protection.

<u> 6. ACCIDENTAL RELEASE MEASURES</u>

LAND SPILL Wipe off with dry cloth.

WATER SPILL Contain spilled liquid with sand or earth.

Do not use combustible materials, such as sawdust.

7. HANDLING AND STORAGE

HANDLING: Use only in the well-ventilated areas.

Avoid contact with skin or eyes, or clothing.

Avoid inhalation and ingestion. Avoid high temp. and fire. Wash throughly after handling.

STORAGE: Store in a cool, dry, well-ventilated location.

Keep away from heat, sunlight.

Keep away from children.



MATERIAL SAFETY DATA SHEET

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

OSHA PEL (1994)

Not established

ACGIH TLV (2003)

Not established

EN LIMIT (2000/39/EN)

Not established

EXPOSURE CONTROLS

Occupational Exposure Controls

Engineering Controls

Use exhaust ventilation to keep airborne concentration below exposure limits.

Personal Protection

Respiratory Protection

Use with local exhaust ventilation, when in long use.

Hand Protection

Not required, but wear safety gloves, if necessary.

Eye Protection

Not required, but wear safety glasses, if necessary.

Skin Protection

To prevent any contact, wear impervious clothing such as gloves, apron, as appropriate.

Environmental Exposure Controls

Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state Liquid

Odor solvent odor

Boiling Point / Boiling Range

Flash Point

Explosive Properties

Relative Density (g/cm³)

No data available.

Close Cup)

No data available.

No data available.

No data available.

Solubility [Water] Insoluble



OfficeWorld.com does not independently verify, and accordingly does not warrant, the accuracy of any information contained in this MSDS.

MATERIAL SAFETY DATA SHEET

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID No data available

STABILITY No data available

MATERIALS TO AVOID No data available

HAZARDOUS REACTIONS / DECOMPOSITION PRODUCTS

No data available

11. TOXICOLOGICAL INFORMATION

Acute Toxicity (RTECS: 2004.11)

Not established

12. ECOLOGICAL INFORMATION

ECOTOXICITY No data available

BIOACCUMULATIVE POTENTIAL No data available

OTHER ADVERSE EFFECTS No data available

13, DISPOSAL CONSIDERATIONS

Comply with all federal, state, EU, national and local regulations.

<u>Do not dump this product into sewers</u>, on the ground or into any body of water.

14. TRANSPORT INFORMATION

UN CLASS 3

UN Packing Group (PG)

UN NUMBER 1210

Proper Shipping Name Printing ink, flammable



MATERIAL SAFETY DATA SHEET

15. REGULATORY INFORMATION

Refer to any other federal, state, EU, national and local regulations.

OSHA STATUS: This product is hazardous under 29 CFR 1910.1200.

TSCA STATUS: All components on TSCA INVENTORY.

CERCLA REPORTABLE QUANTITY (40 CFR 117,302):

Not applicable

SARA TITLE : Not applicable

This product is classified as follows,

[Alkanes, C7-C10-iso-]: [Xn] R:11-65-67

S; (2-)9-16-23-24-33-43-62

Symbol: Xn (Harmful)

Risk Phrase: 11 (Highly flammable)

65 (Harmful: may cause lung damage if swallowed.) 67 (Vapours may cause drowsiness and dizziness.)

Safety Advice: 2 (Keep out of the reach of children.)

9 (Keep container in a well-ventilated place.)

16 (Keep away from sources of ignition – No smoking.)

23 (Do not breathe gas/fumes/vapour/spray.)

24 (Avoid contact with skin.)

33 (Take precautionary measures against

static discharges.)

43 (In case of fire, use sand, earth,

chemical powder or foam.)

62 (If swallowed, do not induce vomiting:

seek medical advice immediately and show this container or label.)

Please refer to any other EU, national and local measures.

16. OTHER INFORMATION

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of Shachihata Co.,Ltd. It relates only to the specific material designated herein, and does not relate to use in combination with any other material or process.

Shachihata Co.,Ltd. assumes no legal responsibility for use or reliance upon this information.

