

SAFETY DATA SHEET ACCORDING TO EC 1907/2006
A-SERIES SOLVENT BASED CORRECTION FLUID
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1. Identification of the preparation and the company / undertaking

1.1. Identification of the preparation

A-Series Solvent Based Correction Fluid. in plastic barrel.
Purpose: Correction pen for paper or fax copies.

1.2 Identification of the company / undertaking

Hainenko Limited
284 Chase Road Southgate
London
N14 6HF
TEL: +44 20 8 882 8734
FAX: +44 20 8 882 7749

1.3. Emergency telephone number

: +44 20 8 882 8734

Or write to Hainenko Ltd 284 Chase Road London N14 6HF

2. Hazard identification

Harmful . Highly flammable . Injuries to health: can cause lung damage when swallowing.
On long-term , has adverse, effects on aquatic environment.

2.1. Classification of the correction pen:

H302-Harmful if swallowed.

H225-Highly flammable liquid and vapour.

H411-Chronic toxicity to the aquatic environment.

2.2. Label elements.

In accordance with Regulation (EC) 1272/2008

Label elements: GHS02 GHS07 GHS 09



Signal words: Danger

In accordance with p.1.5.2.1.3. of CLP- Appendix I, above label elements and signal words can be leave out. Hazard statements have to be written on the label as follows:

- Harmful if swallowed.
- Highly flammable liquid and vapour.
- Chronic toxicity to the aquatic environment.

Hazard Statement:

- H225-Highly flammable liquid and vapour
- H302-Harmful if swallowed
- H411-Chronic toxicity to the aquatic environment

Precaution statements:

- P303+P361+P353-IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water/shower.
- P301+P310-IF SWALLOWED: Immediately call a poison centre , or doctor.
- P210-Keep away from heat ,sparks, open flames ,hot surfaces.
- P233-Keep container/bottle/ tightly closed.
- P262-Do not get in eyes ,on skin or on clothing.
- P273-Avoid release to the environment.

3. Composition / Information on ingredients.

THE CORRECTION PEN CONSIST 8ML. WHITE COLOURED LIQUID, filled in plastic barrel composed with nib and plastic cap. The fluid contains organic solvent and non-hazardous additives and colouring agents. The main ingredients of the correction fluid are:

1. CAS No.
2. EC No.

3. REACH No. Ingredient Conc. % Classification according 1272/2008

- | | | | |
|--|-----------------------|-----|-------------------------|
| 1. 64741-84-0 | Naphtha petroleum | | H302-Acute Tox.4 |
| 2.265-086-6 | solvent refined light | <45 | H225-Flame Liq cat.2 |
| 3.01-2119485160-44-0002 (benzene less than 0.1%) | | | H411- Aquatic Chronic 2 |

- | | | | |
|-------------------------------------|----------------|-----|------|
| 1. 13463-67-7 | Titanium oxide | <15 | none |
| 2.215-280-1;215-282-2;
236-675-5 | | | |
| 3.01-2119489379-xxxx | | | |

- | | | | |
|--------------------------|-------|------|------|
| 1. 471-34-1 | Chalk | < 35 | none |
| 2. 207-439-9 | | | |
| 3. 01-2119486795-18-0024 | | | |

* Contains less than 0.1% benzene is applicable(CLP).The classification as carcinogen or mutagen need not if it can be shown that the substance contains less than 0.1% w/w benzene(EINECS No. 200-753-7)

4. First aid measures.

In case of accident or if you feel unwell:

Seek medical advice immediately. If the patient is likely to become unconscious, place and transport in stable sideways position. In case of allergic symptoms, especially related to respiratory problems, seek medical help immediately.

First aid measures / Inhalation of correction fluid:

Ensure supply of fresh air and seek medical advice.

First aid measures / skin contact of correction fluid:

Remove soiled or soaked clothing immediately. Do not allow drying. Clean body thoroughly (bath, shower). In case of contact with skin wash off immediately with soap and water /or Vaseline pharmaceutical grade/.

First aid measures / eye contact of correction fluid:

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

First aid measures / ingestion of correction fluid:

Induce the patient to spit out any of the fluid of his/her own accord, only if fully conscious. When swallowed accidentally, do not induce vomiting, get medical help. When swallowed seek medical aid immediately and show the physician the packaging or the label of the packaging.

5. Fire fighting measures.

Use suitable extinguisher: foam, dry powder, carbon dioxide. Extinguishing media that must not be used for safety reasons is water or full water jet. Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases. Combustion gases of organic materials in principle is graded as inhalation poisons. Special protective equipment for fire fighting must be used. Do not inhale combustion gases. In case of combustion, use suitable breathing apparatus.

Fire residues must be disposed of in a proper manner. Fire residues and contaminated fire fighting water must be disposed of in accordance with the local and national regulations.

6. Precautions release measures.

Personal precautions: See point 4.

Environmental precautions.

Do not allow the product to enter drains or waterways. Do not allow spilt product to enter soil or waterways. Take up with absorbent material (sand, kieselguhr, and sawdust). Pick up in containers capable of being locked. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Dispose of as prescribed. Clean with solvents/gasoline, acetone/.

7. Handling and storage.

Due to the fact that the correction fluid in the pen is highly flammable, store away from fire, sparks, open flame ,hot surfaces.

There are not necessary special protective devices when product is used for correction of papers, printed paper or fax copies.

8.Exposure control/Personal protection.

8.1.Control parameters of correction fluid.

Not applicable

8.2.As the correction fluid in the correction pen is only 10gr.,no need special exposure control.

8.3.Environmental exposure control.

See section 12.

9. Physical and chemical properties.

Appearance: Liquid

Colour: White

Odour: Mild

Density : ca.1, 15 g/ cub.cm.

Upper explosion limit: 7.0%v.

Solubility in water: insoluble.

Solvent content: 40-45%

Initial boiling point and boiling range: 75 - 115°C

Flash point: -6°C

10. Stability and reactivity.

Mixtures of inflammable substances are easily combustible and burn vigorously even under exclusion of air. Empty vessels may contain product gases which can form explosive mixtures with air. No hazardous decomposition products known.

11. Toxicological information.

11.1. Inhaled:

The correction fluid is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation. Not normally a hazard due to non-volatile nature of product.

11.2. Ingestion:

Accidental ingestion of a correction fluid may be harmful. Swallowing of the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.

11.3. Skin contact:

The correction fluid may be miscible with fats or oils and may degrease the skin, producing a skin reaction described as non-allergic contact dermatitis. Open cuts, abraded or irritated skin should not be exposed to this material.

11.4. Eye contact:

Although the correction fluid is not thought to be an irritant, direct contact with the eye may produce transient discomfort characterised by tearing or redness.

11.5. Chronic:

Long – term exposure to the product is not thought to produce chronic effects adverse to the health; nevertheless exposure by all routes should be minimised of course.

11.6. Naphta petroleum, light solvent-refined:

Contains less than 0.1% benzene is applicable (CLP). Classification as carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0.1% w/w benzene (EINECS No. 200-753-7).

12. Ecological information.

12.1. Toxicity:

Toxic to aquatic organisms. May cause long-term adverse effects in aquatic environment.

Do not discharge into sewer or waterways.

The product is not classified vPvB and PBT.

12.2. Persistence and degradability:

12.2.1. The studies which are performed revealed that the solvent (naphta petroleum solvent refined light) is not easily degradable.

<u>12.2.2.Ingredient</u>	<u>Persistence:water/soil</u>	<u>Persistence:air</u>
Titanium dioxide	high	high
Calcium carbonate	high	high

12.3.Bioaccumulative potential and mobility in soil:

12.3.1.The studies which are performed revealed that simulation tests in surface waters with naphta petroleum solvent refined light revealed that it is surely biodegradable.

<u>12.3.2.Ingredient</u>	<u>Bioaccumulation</u>	<u>Mobility in soil</u>
Titanium dioxide	low	low
Calcium carbonate	low	low

12.4.Other adverse effects:

No data available.

13. Disposal considerations.

Waste code No.08 01 11 / Name of waste: Paints and lacquers wastes containing solvents.

14. Transport information.

14.1.Land transport:

UN number: 1263

Class : 3

Packing group: II

LQ 6-no more than 625pcs. in single pack and no more than 2500pcs.in carton.

Hazard identification number: 33

UN proper shipping name: Paint or Paint related material.

Special precautions for user: Limited quantity in pack- 5 L.

14.2.Air transport(ICAO-IATA/DGR)

UN number : 1263

Class : 3

Packing group: II

LQ 6 –no more than 625pcs in single pack and no more than 2500 pcs.in carton.

Hazard identification number: 33

Proper name : Paint or Paint related material

Special precautions for user:

- Cargo only maximum Qty/Pack : 60L

- Passenger and Cargo Maximym Qty/Pack : 5L

- Passenger and Cargo limited Maximum Qty/Pack : 1 L.

14.3.Sea transport(IMDG-Code/GGVSee)

UN number : 1263

Class : 3

Packing group: II

LQ 6-no more than 625pcs. in single pack and no more than 2500 pcs. In carton.

Hazard identification number: 33

Proper name: Paint or Paint related material

Special precautions for user: Limited quantities/Pack – 5 L.

14.4.Inland waterways transport(AND):

UN number: 1263

Class: 3

Packing group: II

Hazard identification number: 33

LQ6: no more than 625pcs in single pack and no more than 1000pcs in carton.

UN proper shipping name: Paint or Paint related material.

15. Regulatory information.

15.1. Safety, health and environmental regulations:

Naphtha petroleum solvent light-refined (64741-84-0) is found on the following regulatory lists:

EU REACH Regulation No. 1907/2006-Annex XVII, Appendix 2.

EU Directive 67/548/EEC-Annex I.

EU Regulation No 1272/2008-Annex VI.

Titanium dioxide(13463-67-7)is found on the following regulatory lists:

EU European Chemicals Agency(ECHA)-list of substances.

EU –European Inventory of Existing Commercial Chemical Substances(EINECS)

European Trade Union Confederation(ETUC)-Priority List for REACH Authorisation.

Calcium carbonate(471-34-1)is found on the following regulatory lists:

European Trade Union Confederation (ECICS)

15.2. Chemical safety report

For further information please look at the Chemical Safety Assessment and Exposure Scenarios.

16. Other Information

Full text risk and Hazard Codes:

Hazard statements(H)

H225-Highly flammable liquid and vapour

H302-Harmful if swallowed

H411-Chronic toxicity to the aquatic environment

Precautionary statements prevention(P):

P303+P361+P353-IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water/shower.

P301+P310-IF SWALLOWED: Immediately call a poison centre , or doctor.

P210-Keep away from heat ,sparks, open flames ,hot surfaces.

P233-Keep container tightly closed.

P262-Do not get in eyes ,on skin ,or on clothing.

P273-Avoid release to the environment.

Label elements:



Single Words: Danger

END of SDS.

