

SAFETY DATA SHEET

UV CURING SILVER PASTE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME UV CURING SILVER PASTE
 PRODUCT NO. Various
 APPLICATION Printing ink.
 SUPPLIER STEHLIN HOSTAG INK UK LTD
 UNIT D4 LINKMEL CLOSE
 QUEENS DRIVE INDUSTRIAL ESTATE
 NOTTINGHAM
 NG2 1NA
 Tel : 0115 9860477
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
Aluminium	231-072-3	7429-90-5	<80%	F;R15. R10.
White mineral oil		8042-47-5	<30%	Xn;R65.

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

Flake of Aluminium Powder, made into a paste with solvent.

3 HAZARDS IDENTIFICATION

Flammable.

CLASSIFICATION R10.

ENVIRONMENT

The product does not need to be labelled according to calculation procedures of the "General Classification guideline for preparations of the EU" in the latest valid version.

PHYSICAL AND CHEMICAL HAZARDS

The data available does not support any physical or chemical hazard

4 FIRST-AID MEASURES

GENERAL INFORMATION

No special measures required

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

Get medical attention.

SKIN CONTACT

The product is not skin irritating

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical advice if irritation occurs and persists

5 FIRE-FIGHTING MEASURES

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EXTINGUISHING MEDIA

Extinguish with special powder for metal fires, dry sand. Do not use water as an extinguisher.

PROTECTIVE MEASURES IN FIRE

No specific PPE required

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

None required

ENVIRONMENTAL PRECAUTIONS

Prevent from entering into soil, waterways and groundwater.

SPILL CLEAN UP METHODS

Dam and absorb spillage with sand, sawdust or other absorbent. Non-hazardous substance.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

No specific usage precautions noted.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Prevent from drying out. No special storage precautions noted.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
Aluminium					5 mg/m3

RESPIRATORY EQUIPMENT

Not relevant.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Not relevant.

OTHER PROTECTION

Protective work clothing

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Paste		
COLOUR	Silver		
ODOUR	Characteristic		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	240	RELATIVE DENSITY	1.5 @20c
VOLATILE BY VOL. (%)	35	FLASH POINT (°C)	101

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

HAZARDOUS POLYMERISATION

Will not polymerise.

HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products.

11 TOXICOLOGICAL INFORMATION

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SKIN CONTACT

Skin irritation is not anticipated when used normally. Not a skin sensitiser.

HEALTH WARNINGS

No specific health warnings noted. Aluminium powder is non-toxic, and not hazardous if handled correctly. The solvent, however, may cause toxic effects.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Do not allow undiluted product or large quantities of it to reach ground water, water courses, or sewage system.

WATER HAZARD CLASSIFICATION

1 (Self assessment) Slightly hazardous for water

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

WASTE CLASS

12 01 04 Non ferrous metal dust and particles

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION

RISK PHRASES

R10 Flammable.

SAFETY PHRASES

S7/8 Keep container tightly closed and dry.

S43 In case of fire, use alcohol-resistant foam, carbon dioxide or dry powder. Do not use water.

16 OTHER INFORMATION

REVISION COMMENTS

Minor changes to sections ;- 6 8 12 13

ISSUED BY

Paul R Hayden

REVISION DATE

23/03/05

SDS NO.

5/006 Silver Paste

SAFETY DATA SHEET STATUS

Approved.

RISK PHRASES IN FULL

R10 Flammable.

R15 Contact with water liberates extremely flammable gases.

R65 Harmful: may cause lung damage if swallowed.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.