

SAFETY DATA SHEET

SPRAY POWDERS - "R" RANGE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME SPRAY POWDERS - "R" RANGE
PRODUCT NO. 1.5R , 2.5R & 5R
APPLICATION Prevention of set-off on printed substrates
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

COMPOSITION COMMENTS

Vegetable Starch containing very low levels of additives, none of which are hazardous to health.

3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

4 FIRST-AID MEASURES

GENERAL INFORMATION

When symptoms persist or in all cases of doubt seek medical advice.

INHALATION

Not applicable under normal conditions of use

INGESTION

Rinse mouth thoroughly Do not induce vomiting. Contact physician if larger quantity has been consumed.

SKIN CONTACT

Wash skin thoroughly with soap and water.

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

EXTINGUISHING MEDIA

Extinguish with dry sand. Water spray, fog or mist. Foam. Powder.

SPECIFIC HAZARDS

Minimum ignition temperature of dust cloud - approx 390c. Minimum explosive concentration - approx 80mg/litre. Minimum energy to ignite dust cloud by electric spark - approx 0.1 joules.

PROTECTIVE MEASURES IN FIRE

No specific PPE required

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Sweep up and dispose of through normal techniques

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7 HANDLING AND STORAGE

USAGE PRECAUTIONS

No specific usage precautions noted.

USAGE DESCRIPTION

There is a slight possibility of explosion if these powders are present as a dust cloud above certain concentrations. However, in all cases these levels are very unlikely to be reached in normal use provided the powders are used as Anti-Set Off Powders in accordance with the instructions. Spray the minimum powder sufficient to prevent set-off. Avoid prolonged skin contact. Clean any accumulation of powder from areas surrounding points of application, on for example, machines, ledges and rafters, at regular intervals.

STORAGE PRECAUTIONS

Store in closed original container in a dry place. Avoid rapid temperature variations.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
Starch			10 (inhalable) 5 (dust respirable) mg/m3		

PERSONAL PROTECTION

When handling large quantities operators should wear gloves, goggles, and simple face masks. Such quantities would not normally be present when the product is used for set-off protection.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Fine powder		
COLOUR	White		
ODOUR	Odourless		
SOLUBILITY	Insoluble in water Forms a colloidal solution when hydrated in water at 90c.		
BULK DENSITY	0.7 - 0.9	PARTICLE SIZE (Micron)	>5
pH-VALUE, DILUTED SOLUTION	3.5 - 5 (1% solution)		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid extremes of temperature.

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

The main precaution in using and handling is to prevent excessive dusting. Inhalation of the dust may cause discomfort of the nasal passages. If it produces eye irritation it is because of the physical form (dry powder) and not because of chemical irritation of the eye. All grades of this product will break down in body fluids within a period of approx. 24 hours.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not known.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Dispose according to local authority instructions

DISPOSAL METHODS

Empty containers can be treated as household waste for disposal purposes.

14 TRANSPORT INFORMATION

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GENERAL

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

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

NC Not classified.

UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations. 1994

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EEC.

GUIDANCE NOTES

Occupational Exposure Limits EH40.

16 OTHER INFORMATION

REVISION COMMENTS

Data sheet reviewed - no changes from last issue

ISSUED BY

Paul R Hayden

REVISION DATE

02/03/05

SDS NO.

9/003/ R Range

SAFETY DATA SHEET STATUS

Approved.

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.