

# SAFETY DATA SHEET

## SPRAY POWDERS - "V" RANGE

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	SPRAY POWDERS - "V" RANGE
PRODUCT NO.	2V & 4V
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 Fax : 0115 9862681

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

**COMPOSITION COMMENTS**

Pure sugar extract containing very low percentages 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 or use recognised skin cleanser

**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**

Dry sugar is an organic material, which will burn, although it is not especially combustible. Fine sugar powder intimately mixed with air in the form of a dust cloud is potentially explosive but only if the conditions of concentration, adequate oxygen and ignition exist.

**PROTECTIVE MEASURES IN FIRE**

No specific PPE required

### 6 ACCIDENTAL RELEASE MEASURES

# SPRAY POWDERS - "V" RANGE

## SPILL CLEAN UP METHODS

Sweep up and dispose of through normal techniques

## 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
Sucrose (vanishing grades)			10 (total) 5 (respirable) mg/m3		20 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	Soluble in water				
MELTING POINT (°C)	165	BULK DENSITY	0.55 - 0.85		
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. This material would not be considered a hazardous substance with respect to oral ingestion and generally the handling of sugar does not give rise to any unusual hazards. All grades of this product will break down in body fluids in less than 12 hours. A small proportion of particles may be present which are less than 5 microns, but as these are pure sugar in normal circumstances they will dissolve on contact with any body fluids.

### SKIN CONTACT

In certain extreme cases it could cause dermatitis where there is a very high concentration of sugar dust. The exception to this general rule is in the case of a person already prone to, or suffering from dermatitis. Any contact with sugar may cause a condition to appear more quickly or worsen. Therefore, we do recommend the maintenance of high standards of personal hygiene to avoid the possibility of dermatitis.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Not known.

## SPRAY POWDERS - "V" RANGE

### 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

#### 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/V 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.