MATERIAL SAFETY DATA SHEET for Alpha Dot Adhesive

1. INDENTIFICATION OF PRODUCT

PRODUCT: Alpha Dot Adhesive supplied in Canister for use with integral brush.
Limited quantity not exceeding 3 cc.

2. COMPOSITION/INFORMATION ON INGREDIENTS

DESCRIPTION: Water based acrylic-urethane coating

3. HAZARD INDENTIFICATION

None

May cause soreness if product enters eyes.

Repeated or prolonged skin contact may cause irritation.

Ingress to waterways may cause persistent milky discoloration.

4. FIRST AID MEASURES SIGNS & SYMPTOMS OF EXPOSURE

SWALLOWED
Considered an unlikely route of entry in commercial / industrial environments.
The liquid is discomforting to the gastro-intestinal tract.
Ingestion may result in nausea, abdominal irritation, pain and vomiting.
In the manner supplied accidental ingestion will not be possible.

EYE
The liquid may produce eye discomfort and is capable of causing temporary impairment of vision and / or transient eye inflammation, ulceration.
Flush with water.

SKIN
The material may be mildly discomforting to the skin
and is capable of causing skin reactions which may lead to dermatitis if contact is prolonged.
The material may accentuate any pre-existing skin condition.
Open cuts, abraded or irritated skin should not be exposed to this material.
Wash contaminated skin with soap and water.

INHALED
Not normally a hazard due to non-volatile nature of product.
Inhalation hazard is increased at higher temperatures.
The vapour is discomforting if inhaled. During the application process the adhesive is not atomized and so inhalation is extremely unlikely.

5. FIRE-FIGHT MEASURES

Low fire hazard. No restrictions on fire-fighting media.

6. ACCIDENTAL RELEASE MEASURES

Prevent ingress into drains and water courses.
Absorb residues and small spillages with sand or absorbent material for disposal.

7. HANDLING AND STORAGE

7.1 Handling

Open canisters and apply in well ventilated area.

7.2 Storage

Store in original containers.

DO NOT allow to freeze.

8. EXPOSURE CONTROLS-PERSONAL PROTECTION

8.1 Exposure controls

Efficient ventilation is normally adequate.

8.2 Personal protection

Respiratory protection:

Wear Respirator if applied by Spray

Hand protection:

Gloves (e.g. Latex) if splashing occurs

Eye protection:

Goggles (BS52902) if splashing occurs

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Milky White Liquid
Odour:	Mild Ammonicaical Odour
Boiling and melting point:	As Water

Flammability & Auto ignition: Not Applicable

Vapour pressure: As Water

Water solubility: Fully Miscible

Fat / Oil Solubility: Not Applicable

Partition coefficient-n-octanol / water: Not Applicable

10. STABILITY AND REACTIVITY

Alpha Dot Adhesive is not unstable and has no hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

From long-term experience of this product type, no serious acute or chronic effects result from handling this adhesive under industrial conditions.

For general risks, see 3.

12. ECOLOGICAL INFORMATION

This adhesive is miscible in water, and is thus likely to be transported considerable distance if allowed ingress to water.

The quantities supplied are so small (2.5ml max) that no environmental hazards are considered likely.

13. DISPOSAL INFORMATION

If emptying unused canisters of adhesive dispose of in accordance with local and national regulations. For example, in the UK regulations made under the control of Pollution act 1974, and the Environment Protection Act, 1990.

After application of the Alpha Dot product unused adhesive will quickly cure and solidify presenting no form of hazard.

14. TRANSPORT INFORMATION

Alpha Dot Adhesive is not classified as hazardous for transport.

15. REGULATORY INFORMATION

EEC Hazard Classification: None

16. OTHER INFORMATION

The Material Safety Data sheet follows the requirements of Directive 91/155/EEC.