

**MATERIAL SAFETY DATA SHEET AS PER DIRECTIVE 2001/58/EC**

**DST PLAD Durable Adhesive**

**1. PRODUCT AND COMPANY IDENTIFICATION**

Digital Scenprinting Technologies ApS  
Øster Søgade 10, 3. th.  
1357 København K  
Denmark

Telephone: +45 33 14 61 18  
Fax: +45 33 14 25 51 2

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

There are no known hazardous components above regulatory thresholds in this product.

**3. HAZARDS IDENTIFICATION**

**POTENTIAL HEALTH EFFECTS**

**Classification of the Preparation:** :  
:  
: Not a hazardous substance or preparation according to EC-directives 2001/58/EC or 1999/45/EC.

**Routes of Exposure:** : Inhalation, Skin contact, Ingestion

**Acute exposure**

Inhalation : Inhalation of airborne droplets may cause irritation of the respiratory tract.  
Ingestion : May be harmful if swallowed.  
Eyes : May cause eye/skin irritation.  
Skin : Experience shows no unusual dermatitis hazard from routine handling.

**Chronic exposure** : Refer to Section 11 for Toxicological Information.

**Medical Conditions** : None known.

**Aggravated by Exposure:**

**4. FIRST AID MEASURES**

Inhalation : Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. When symptoms persist or in all cases of doubt seek medical advice.

**MATERIAL SAFETY DATA SHEET AS PER DIRECTIVE 2001/58/EC**

***DST PLAD Durable Adhesive***

- Ingestion : Do not induce vomiting without medical advice. When symptoms persist or in all cases of doubt seek medical advice.
- Eyes : Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, seek medical attention.
- Skin : Wash off with soap and plenty of water. If skin irritation persists seek medical attention.

**5. FIRE-FIGHTING MEASURES**

- Flash point : No data available
- Flammable Limits  
 Upper explosion limit : No data available  
 Lower explosion limit : No data available
- Autoignition temperature : Not applicable
- Suitable extinguishing media : Carbon dioxide blanket, water spray, dry powder, foam
- Extinguishing media not to be used : none
- Special Fire Fighting Procedures : Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.
- Special exposure hazard arising from combustion products, resulting gases, etc. : May emit Hydrogen Chloride (HCl) or Carbon Monoxide (CO) under fire conditions. Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), other hazardous materials, and smoke are all possible.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.
- Environmental precautions : The product should not be allowed to enter drains, water courses or the soil. Should not be released into the environment.
- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid

**MATERIAL SAFETY DATA SHEET AS PER DIRECTIVE 2001/58/EC**

**DST PLAD Durable Adhesive**

binder, universal binder, sawdust). Package all material in appropriate container for disposal. Refer to Section 13 of this MSDS for proper disposal methods.

**7. HANDLING AND STORAGE**

- Handling : Heat only in areas with appropriate exhaust ventilation. Processing fume condensates may contain combustible or toxic residue. Periodically clean hoods, ducts, and other surfaces to minimize accumulation of these materials.
- Storage : Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store in a cool dry place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Respiratory protection : Under normal handling conditions a respirator may not be required.
- Eye/Face Protection : Safety glasses with side-shields.
- Hand protection : Protective gloves. Refer to equipment supplier to ensure protection.
- Skin and body protection : Long sleeved clothing.
- Additional Protective Measures : Safety shoes.
- General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
- Engineering measures : Heat only in areas with appropriate exhaust ventilation. Provide appropriate exhaust ventilation at machinery.

Exposure limit(s)

This material does not contain any hazardous substances as per regulatory requirements.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- |                     |                     |                   |                   |
|---------------------|---------------------|-------------------|-------------------|
| Form                | : liquid            | Evaporation rate  | : Not established |
| Appearance          | : Viscous, liquid   | Specific Gravity: | : Not determined  |
| Color               | : NO PIGMENT        | Bulk density      | : Not applicable  |
| Odor                | : Very faint        | Vapor pressure    | : Not determined  |
| Melting point/range | : Not applicable    | Vapour density    | : Not determined  |
| Boiling Point:      | : No data available | pH                | : Not determined  |

**MATERIAL SAFETY DATA SHEET AS PER DIRECTIVE 2001/58/EC**

***DST PLAD Durable Adhesive***

Water solubility	: Immiscible	Partition coefficient (n-octanol/water)	No data available
Oxidizing properties	: Not applicable	Viscosity	No data available

**10. STABILITY AND REACTIVITY**

Stability	: Stable.
Hazardous Polymerization	: Will not occur.
Conditions to avoid	: Keep away from oxidizing agents and open flame. To avoid thermal decomposition, do not overheat.
Incompatible Materials	: Incompatible with strong acids and oxidizing agents. Avoid contact with acetal homopolymers and acetal copolymers during processing.
Hazardous decomposition products	: Carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), oxides of nitrogen (NO <sub>x</sub> ), hydrogen chloride (HCl), other hazardous materials, and smoke are all possible. Prolonged heating may result in product degradation. As a general rule of thumb, degradation begins to occur after one hour at 177 °C (350 °F), after 10 minutes at 204 °C (400 °F), and within 5 minutes at 232 °C (450 °F).

**11. TOXICOLOGICAL INFORMATION**

Carcinogenicity, Mutagenicity and Toxicity to Reproduction  
Not applicable

**12. ECOLOGICAL INFORMATION**

Persistence and degradability	: Not readily biodegradable.
Mobility	: No data available
Environmental Toxicity	: Environmental toxicity has not been established for this mixture as a whole.
Bioaccumulation Potential	: No data available
Additional advice	: No data available

**MATERIAL SAFETY DATA SHEET AS PER DIRECTIVE 2001/58/EC**

***DST PLAD Durable Adhesive***

**13. DISPOSAL CONSIDERATIONS**

- Product : Where possible recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.
- Contaminated packaging : Recycling is preferred when possible. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

**14. TRANSPORT INFORMATION**

- ADR (road) : Refer to specific regulation.
- RID (rail) : Refer to specific regulation.
- ADN (inland waterways) : Refer to specific regulation.
- ICAO/IATA (air) : Refer to specific regulation.
- IMO / IMDG (maritime) : Refer to specific regulation.

**15. REGULATORY INFORMATION**

Not a hazardous substance or preparation according to EC-directives 2001/58/EC or 1999/45/EC.

National Inventories:

- Europe EINECS : Listed
- Australia AICS : Listed
- Canada DSL: : Listed
- China IECS : Not determined
- Japan ENCS : Not determined
- Korea KECI : Listed
- Philippines PICCS : Not determined

**MATERIAL SAFETY DATA SHEET AS PER DIRECTIVE 2001/58/EC**

***DST PLAD Durable Adhesive***

United States TSCA: : Listed

**16. OTHER INFORMATION**

**Text of R-phrases referred to in section 2**

The information in this MSDS is believed to be true and correct. However the accuracy and completeness of this information and any recommendation or suggestions are made without any warranty or guarantee.

Since the condition of use is beyond control of our company, it is the responsibility of the user to determine the conditions of safe use of this preparation. The information in this sheet does not represent analytical specification.