INFORMATION FOR HANDLING AND PROCESSING

This information for handling and processing covers the product groups designated

nyloflex® XSN Digital
nyloflex® XVH Digital
nyloflex® XFH Digital
nyloflex® XPH Digital
nyloflex® XPM Digital
nyloflex® XAH Digital
nyloflex® XTM Digital
nyloflex® XTP Digital

1. Product information

Manufacturer	XSYS Germany GmbH 77731 Willstätt, Germany
Supplied as	Products of a specified size with a photosensitive layer.
Composition	Photosensitive layer of styrene diene elastomers, polymerizable low-molecular weight acrylates, plasticizers, photoinitiators, stabilizers and dyestuffs.
Density	Approx. 1 (without base)
Evaporation rate	not applicable
Boiling point	not applicable
Thermal decomposition	None when used properly. Decomposition starts at 200 °C with occurrence of organic decomposition products.
Flammability	Not classified as flammable, but combustible. Dangerous decomposition products: carbon monoxide, carbon dioxide.
pH value	Photopolymer layer: neutral

2. Regulations for handling and transport

- No hazardous material as defined by transport regulations
- Declaration:
  Not subject to compulsory declaration under the German Hazardous Substances Ordinance (Gefahrstoffverordnung), since product.

3. Safety-relevant information

- The photopolymerizable layer contains acrylates and methacrylates. Acrylates and methacrylates may have sensitizing effects; acrylates may irritate the respiratory system.
  Contact of the photopolymerizable layer with the eyes should be avoided.
- The exhaust air generated in lasering must be extracted to prevent it from escaping into machine interior and working surroundings.
  The operating instructions for the laser must always be observed.

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4. Workplace safety

Printing plates	Do not touch the unexposed photopolymer layer! Wear protective gloves! Do not eat, drink, smoke during work. Use only in well-ventilated areas.
In case of skin contact	Clean the wetted areas of the skin with soap and water. Apply protective skin cream.
Prophylaxis	Apply protective skin cream to skin.

If the protective measures described above are observed, then on the basis of experience thus far and of all information available, no adverse effects on health are to be expected from working with the above-mentioned product groups.

5. First-aid measures

Clothing	Remove wetted clothing.
Skin	Wash thoroughly with soap and water.
Accidental swallowing	If you have swallowed any, rinse your mouth out immediately and drink large amounts of water, seek medical aid.
Eyes	Rinse thoroughly for 15 minutes under running water with eyelids held apart, then have eyes checked by an ophthalmologist.

6. Information on waste disposal

Entrust disposal of waste only to a company qualified for it.

The used and thoroughly exposed plates must be disposed of in accordance with the local regulations.
For disposal, the following waste codes are suggested, which apply in EU countries. In each case, however, the decision must be made in consultation with the waste disposal company.

nyloflex® on plastic base:

AVV: 200139 Type of waste: Plastics

Please contact us for additional information.
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