

Material Safety Data Sheet

According to commission directive 91/155/EEG



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Issue:	1
Date adjustment:	

1. Preparation and company identity

Præparat: **Printer ribbon for PSi PP 405**

Article-no.: 8709 002 37801 (S/RC 78)

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2. Composition /informations on ingredients

Description: Mixture of the substance listed below with nonhazardous additions

Danger components: No danger components

Main components:

Plastics:: ABS, PA 6, POM, Nylon

Ferro: Iron, sheet steel. Some components electrolyse nickel plated.

3. Hazards identification

Potential health effects:

No particular health effects known.

Potential environmental hazards:

No particular hazards known. Production methods and products comply with EE 67 / 548 / EEC (18th adaption) and EE 88/379/EWG.

4. First-aid measures

Inhalation:	Remove person to fresh air. If symptoms occur consult a physician.
Ingestion:	Rinse mouth with water and drink one or two glasses of water. If symptoms occur consult a physician
Skin contact:	Flush affected areas thoroughly with water. If symptoms occur consult a physician.
Eyes contact:	Immediately flush with large amounts of clean, lukewarm, low-pressure water for at least 15 minutes. If irritation persists, consult a physician.

5. Fire-fighting measures

Flash point:	No data available.
Ignition temperature:	No data available.
Flammability:	Non flammable solid according to USA 16 CFR 1500.44 and 84/449/EC 5th adaption.
Flammable limits:	No data available.
Extinguishing media:	Water, foam, CO ₂ , dry chemicals.
Special fire fighting procedure:	To avoid inhalation of toxic fumes, wear MSHA/NIOSH approved self contained breathing apparatus.
Unusual fire / explosion hazards:	None

6. Accidental release measures

Person-related safety precautions:	Not required
Measures for environmental protection:	Do not allow to enter sewers / surface or ground water
Measures for cleaning / collecting:	Pick up mechanically
Additional information:	No dangerous substance are released

7. Handling and storage

Advise on safe handling and protection against fire:

Keep material out of reach of children. Keep away from excessive heat, sparks and open flames.

Requirements for storage rooms and advise on storage compatibility:

No special requirements

8. Exposure controls / personnel protection

Additional information about design of technical system:	No further data; see item 7
Components with limit values that require monitoring at the workplace:	
Additional information:	The lists that were valid during the creation were used as basis
Personal protective equipment	
General protective and hygienic measures:	The usual precautionary measures should be adhered to when handling chemicals
Breathing equipment:	Not required
Protection of hand:	Not required
Eye protection:	Not required
Other protective equipment:	Not required under intended use.

9. Physical and chemical properties

Form:	Solid
Colour:	Black
Odour:	Slight plastic odour
Change in condition:	
Melting point / Melting range:	Undetermined
Boiling point / Boiling range:	> 200°C
Flash point:	Not applicable
Ignition temperature:	320°C
Self igniting	Product is not selfigniting
Danger of explosion:	Product does not present an explosion hazard
Density at 20°C:	1,4 g/cm ³
Solubility in - / Miscibility with water:	Insoluble
Organic solvents:	0 %
Water:	0 %
Solids content:	0 %

10. Stability and reactivity

Stability:	Stable
Incompatibility:	No incompatibility if used according to specification
Hazardous decomposition products:	No dangerous decomposition products known
Hazardous polymerisation:	Will not occur.

11. Toxicological information

Acute toxicity:	None
Primary irritant effect:	
on the skin:	No irritant effect
on the eye:	No irritating effect
Sensitization:	No sensitizing effects known
Additional toxicological information:	The product is not subject to classification according to the Calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. Ecological information

Dispose of in accordance with applicable laws and regulations.

13. Disposal considerations

Disposal must be made in accordance with applicable laws and regulations

For remaining countries consult with disposal agencies and relevant authorities:

14. Transport information

International transport information:

UN-no:	None.
UN shipping name::	None.
Hazard class:	None.
Packing group:	None.
Special precautions:	None.

15. Regulatory information

Label information according to the directives 88/379/EEC and 67/548/EEC

Symbol and indications:	Not required.
R phrases:	Not required.
S phrases:	Not required
Dangerous components (CAS-no.) wt%	None.

16. Other information

New components are purchased from international reputable producers. The information in this MSDS is based on our present state of knowledge.

In normal use there are no exceptional health, safety or fire hazards associated with this range of products. Please obey the usage and storage instructions.