

**Internatinal Paper –Svetogorsk(Russia)**  
**Safety data sheet: copy and offset papers**

In response to enquiries from customers International paper would like to record the following information, which is applicable to all the paper products manufactured by International Paper, Svetogorsk mill.

IP-Svetogorsk copy and offset papers are manufactured from own made ECF pulp. Manufacturing process is carried out in neutral environment with precipitated calcium carbonate used as filler. All our grades are made from standard papermaking materials and as such unlikely to be any different from other fine, non-speciality papers in the market place.

**Materials used for the production of copy and offset papers:**

**Wood pulp >70% by weight.**

Blend of softwood and hardwood pulp. We only use virgin wood pulp and our process broke. AOX values for our papers meet the BAT (Best Available Technology) level.

**Filler (PCC) approx >10% <30% by weight.**

Manufactured at the mill site and supplied as a 18-20% suspension not containing a dispersant.

**Starch <3% by weight.**

Cationic potato mostly and maize starch.

**Alcyl Ketene Dimer <0.2% by weight**

Sizing agent. Safe for the environment.

**Optical whitener <<0.5% by weight.**

Added to increase paper whiteness, especially in blue spectrum.

**Retention agent <<0.5% by weight.**

Hydrocol system.

**Defoamer <<0.01% by weight**

A water based emulsion added intermittently at very low concentration.

**Biocides <<0.001% by weight.**

Biocidal products are added to the water systems of the paper machines at various points to reduce slime built up on the paper machines which can cause runnability and quality problems. Mechanical treated water is disinfected to minimize the biocides needs. These agents are classified as hazardous. Due to short-term effect their possible presence in finished products is below detection level and, practically, it cannot negatively affect and users.

**Potential Health Hazards**

When used for designated purposes, paper does not pose health hazard to end users. In specific conditions of mass paper processing (cutting of paper) generated dust may be bothersome if there is lack of efficient dust removal system.

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