Environment, Health and Safety
Supplies Product Information Sheet

PRODUCT FAMILY

Xerox Developers

DESCRIPTION OF USE

During the xerographic imaging process, toner is transferred to a latent image on a charged photoreceptor. This transfer is achieved using a developer mixture composed of large carrier beads with small particles of toner adhering to them. The developer is transported to the latent image by a cascading or magnetic conveying process. When the toner has been transferred to the image the carrier material and surplus toner are re-circulated for further use.

PRODUCT DESCRIPTION AND CONSTRUCTION

Xerox Developers are composed of a carrier material and toner.

Carriers are based on special grades of sand, glass, steel or ferrite type materials. They are generally coated with a small amount of special polymer to achieve the desired functional behaviour in the copier or printer.

Toners are fine powders composed of thermoplastic polymers, colourants and minor quantities of functional additives

Typically, Xerox Developers are 95% carrier material and 5% toner.

POTENTIAL HAZARDS

The composition and construction of Xerox Developers is such that they are not classified as hazardous, and do not present any significant risk to health and safety during normal or reasonably foreseeable conditions of use, handling and storage.

In all Xerox Developers the major component, the carrier, is toxicologically inert with a particle size large enough to make it non-respirable. However, to address any concerns relating to toner dust exposures, Material Safety Data Sheets are available, on request, for all the associated Xerox toners.

HANDLING STORAGE AND DISPOSAL

No special handling precautions are required.

Store in the container supplied in dry conditions, under $35\,^{O}C$.

If spilled, sweep up or vacuum.

Landfill is the recommended method of disposal but please see the appropriate toner Material Safety Data Sheet for any specific instructions relating to the toner.

This Product Information Sheet is used to provide information on the Environmental, Health and Safety, and storage aspects of consumables outside the scope of regulations on Material Safety Data Sheets.