



# POLYMER ADDITIVES GROUP

FLAME RETARDANTS & SMOKE SUPPRESSANTS

adding precious time

Technical Information

## BROFLAM™ 45-Z

### Tetrabromophthalate Ester

BroFlam™ 45-Z is a high performance flame retardant plasticizer for PVC, adhesives, coatings and elastomers. Its excellent flame retardant efficiency and good plasticizing properties make it a suitable choice for a variety of applications.

CAS Reg. Number [26040-51-7]

#### Typical Properties

Appearance	Clear amber liquid
Bromine Content	45 %
Purity (as Di-(2-Ethylhexyl tetrabromophthalate)	95 % min
2-Ethylhexanol	0.1 % max
Acidity MEQ/G	0.05 % max
Moisture	0.1 % max

#### Applications

BroFlam™ 45-Z is particularly effective in PVC applications such as wire & cable, coated fabrics, wall coverings, carpet backing, film and sheeting. BroFlam™ 45-Z is commonly used in wire & cable jacketing formulations that require meeting UL 910 standards.

#### Packaging

Standard packaging is 250 Lb. drums and 2000 lb bulk containers. Packages are on skids with stretch wrap. Special packages are available upon request.

#### Health and Safety

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool dry, well ventilated area away from incompatible materials. For additional handling and toxicological information, consult the Polymer Additives Group Material Safety Data Sheet.

This information is believed to be an accurate and reliable representation of the products average properties and it is offered in good faith but without guarantee and may be modified by later findings. The manufacturer makes no warranties, express or implied, regarding the accuracy, completeness, or adequacy of the information contained herein. Any recommendations or suggestions are also made without warranty or guarantee, since the conditions of use are beyond our control. It is the obligation of the customer/user to make its own assessment to determine suitability of use for any purpose, including, the appropriate health, safety, disposal, and environmental precautions necessary in each products intended use(s).

5929 Lakeside Boulevard • Indianapolis, IN 46278 • Phone (317) 290-5006

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