

2200 Powell Street, Ste. 450
Emeryville, CA 94608
Tel. +1 510 658 1987, Fax. +1 510 658 8025

DURA

Los Torneros, 14
Poligono Industrial Los Angeles
28906 Getafe (Madrid)
Tel. +34 916 952 400, Fax. +34 916 823 699

Technical Data Sheet

DUROCT COBALT

Product description

Blue-violet Cobalt salt of saturated branched chain acids in a variety of different solvents / carriers to suit the needs of the end-user.

Use

Duroct Cobalt soaps are very potent oxidation catalysts for coatings, inks and unsaturated polyester resins. The addition level of Cobalt is important. If used excessively, and out of balance with other metal salts, can cause problems with the curing / crosslinking process leading to film / article imperfections, poor performance and storage instabilities.

For maximum performance in coatings combine Duroct Cobalt with Duroct Calcium, Zirconium, Lithium, Barium, Cerium, Zinc and Strontium salts. In unsaturated polyester resins combine with Duroct Potassium and Copper salts for efficient gel, cure and peak exotherm control. In inks combine with Duroct Manganese salts for efficient drying and curing in a range of colours.

Use level

The normal range of addition is between 0.01 - 0.1% metal calculated on resin solids. This should only be considered as a guideline. The optimum combination and concentrations will depend on the total formulation characteristics.

Handling and storage

Material can be stored safely at temperatures between -15°C and 40°C. Consult Material Safety Data Sheet for specific safety and handling information. Employ standard safe chemical handling procedures.

Standard Packaging

200 litre Drum
1000 litre IBC
Bulk

COBALT/JUNE13/2

The information contained in this data sheet has been determined through the application of accepted practice and is believed to be true. No warranty is expressed or implied regarding the accuracy of the information. This information is furnished with the express condition that you will make your own test to determine the suitability of the product for your particular use.

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Typical Properties*

		12	10	8	6
Metal content	%	12	10	8	6
Viscosity @ 25°C	mPa.s	125	40	25	15
Non volatile	%	73	58	45	33
Density @ 25°C	kg/m ³	1040	990	940	905
Volatile Organic Content	g / l	315	413	504	588

* indicative values only, for a specification please contact your Sales Representative or the Technical Manager

		6 XY	6 DIDP
Metal content	%	6	6
Viscosity @ 25°C	mPa.s	10	50
Non volatile	%	33	36
Density @ 25°C	kg/m ³	950	990
Volatile Organic Content	g / l	611	26

* indicative values only, for a specification please contact your Sales Representative or the Technical Manager

XY – xylene

DIDP – diisodecyl phthalate

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