

## TECHNICAL DATA SHEET

### SXDBK012

Issue Date: 31<sup>st</sup> May 2022

Revision: 3

SXDBK012 is a metal/X-ray detectable additive blend.

### CHEMICAL & PHYSICAL CHARACTERISTICS

Composition	Detectable additive blend
Appearance	Black powder
Odour:	None

### APPLICATIONS / USE LEVELS

In most cases **SXDBK012** can be dry blended into polymer powders/pellets prior to subsequent processing via extrusion, moulding etc. **SXDBK012** can also be mixed into rubbers/silicones using conventional mixing equipment (internal/external mills).

Normal use concentrations are in the range of 10% - 20%, depending on the requirements of the application.

### COMPATIBILITY

**SXDBK012** exhibits no compatibility problems in most practical applications. However due to the large range of possible applications, it is recommended that the stability of the active ingredients, system compatibility & any influences on the product properties during production, storage, transport and in the application are tested prior to use.

If **SXDBK012** is used as an additive in food contact materials, testing of final bulk material/product/article containing the **SXDBK012** is required to confirm compliance with relevant standards.

#### **RADICAL MATERIALS LTD**

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## PACKAGING / STORAGE / TRANSPORT / REGULATORY APPROVALS

Packaging	Foil bag: 1kg, 5kg Bag in carton: 25kg
Shelf Life	Indefinite when stored in cool dry area avoiding direct sunlight
Storage	Use original containers Recommended storage temperature 5°C - 40°C Protect against heat and direct sunlight
Transportation	<b>SXDBK012</b> is classified as non-hazardous for transport.

## SAFETY / LABELLING / TOXICOLOGY

For detailed information on the toxicology and handling of **SXDBK012** & advice on the labelling of products in which it may be used, please refer to the separate Material Safety Data Sheet or seek specific advice from Radical Materials.

Notes: These characteristics do not constitute a sales specification. The information contained in this document is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any freedom from patent infringement.

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