RADICAL
INNOVATION IN MATERIALS

TECHNICAL DATA SHEET

SSMNA009

Issue Date: 31st May 2022
Revision: 3

SSMNA009 masterbatch is comprised of metal detectable additive encapsulated in an uncured silicone carrier.

CHEMICAL & PHYSICAL CHARACTERISTICS

Composition	Silicone (60 Shore A) plus detectable additives
Appearance	Solid natural (grey) pieces
Odour:	None

APPLICATIONS / USE LEVELS

SSMNA009 is designed for mixing into silicone rubber prior to processing and curing.

Normal use concentrations are in the range of 20% - 30%, depending on the host material, the nature of the application and the environment in which the finished article will be used.

COMPATIBILITY

SSMNA009 can be blended with the host silicone on conventional mixing equipment, prior to curing as per host material guidelines.

SSMNA009 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.

It is generally recommended that where the masterbatch is employed in a food contact application that migration testing is carried out of the article containing **SSMNA009**.

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PACKAGING / STORAGE / TRANSPORT / REGULATORY APPROVALS

Shelf Life	Approx. 12 months or before 'use before end' date of batch.
Storage	Use original containers
	Recommended storage temperature 5ºC - 40ºC
	Protect against heat and direct sunlight
Transportation	**SSMNA009** is classified as non-hazardous for transport.

SAFETY / LABELLING / TOXICOLOGY

For detailed information on the toxicology and handling of **SSMNA009** & 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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