

INTERCURE®3

N,N'-dicinnamylidene-1,6 hexanediamine

INTERCURE®3, produced by IB Chem S.r.l. - INTERBUSINESS Group, is a blocked diamine cross-linking agent used for a very safe processing of Fluoroelastomers (FKM), Polyacrylic (ACM), Ethylene-Acrylic (AEM) and Epichlorohydrin (CO-ECO) elastomers. Depending on choice of elastomer, desired cure rate and physical properties can be obtained using levels ranging from 2.5 to 3.5 p.h.r.

INTERCURE®3, may be used in combination with INTERCURE®1.

PRODUCT DESCRIPTION

Formula	C ₂₄ H ₂₈ N ₂
CAS No. / EINECS No.	140-73-8/205-429-9
REACH - Registration No.	01-2120264125-62-0000
TSCA Inventory status	Listed Vol.2, pag.755, of 1979
Appearance	Fine tan powder
Odor	Cinnamon
Purity	95% min.
Specific gravity at 25/4°C	1.09 ± 0.02
Decomposition point	85°C min.
Moisture	0.5% max.
Ash content	0.2% max.
Particle size:	
< 10 µm (%Volume)	74 min.
< 15 µm (%Volume)	95 min.
< 30 µm (%Volume)	100
Storage stability, unopened ⁽¹⁾	24 months min.
Solubility	Soluble in ketones, acids and alcohols

⁽¹⁾ Keep container tightly closed in a cool and dry place (23 °C and 50 % RH). After 24 months, retest before use.

NOTE: These data are presented to describe INTERCURE®3 and are not intended to serve as specifications.

SAFETY AND HANDLING

Contact may cause skin irritation and allergic skin reaction. Inhalation, ingestion, skin and eye contact should be avoided. Gloves, safety goggles, respirator masks and protective clothing should be worn when handling the powder. Local exhaust is recommended to remove dust. May form flammable dust-air mixtures. Avoid heat, sparks and open flames. Processing equipment should be well grounded.

INTERCURE IS A REGISTERED TRADEMARK OF INTERBUSINESS S.r.l.

Information given herein is furnished in good faith, without warranty, representation, inducement or license of any kind. Interbusiness does not assume any responsibility for use of or reliance upon same. No warranty or representation is given that Interbusiness products described will be suitable in purchasers' processes or formulations for any particular end use. No representation is given as to freedom from patent infringement.

Kindly direct all inquiries to our Headquarters at:

INTERBUSINESS S.r.l.

Via Spartaco, 25

20135 Milano (Italy)

T. +39 02 5519 0093 - F. +39 02 5990 1213

info@interbusinessgroup.com

interbusinessgroup.com