

Remove undesirable odor from plastics

- Non-toxic
- Odorless
- Temperature stable

Description

ZEOflair is a highly active zeolite adsorbent for the removal of undesirable odors and volatile organic compounds (VOC) in thermoplastics, thermoplastic elastomers, fibers, films, coatings, lacquers and paints.

ZEOflair is an easy to handle, free flowing powder.

ZEOflair is

- non-toxic
- odorless
- temperature stable

Application

ZEOflair can easily be incorporated as an additive. The typical amount of ZEOflair in the final product is 0.3% to 0.8% and does not alter physical, chemical and mechanical properties.

ZEOflair can effectively and permanently adsorb a wide range of hydrocarbons, solvents and other toxic and non-toxic substances down to ppm levels. This effect is shown even in the presence of water. The wide range of ZEOflair products offers different adsorption characteristics to hydrophobic respectively hydrophilic odors, flavors or volatile organic compounds.

	Type		Selectivity to	
			hydrophilic VOC	hydrophobic VOC
ZEOflair	110	Powder		++++
	100	Powder		+++
	300	Powder	+	++
	800	Powder		+
	810	Powder		+
	200	Powder	+	+
	1000	Powder	+++	

For further information and/or a free samples please call us.

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ZEOCHEM®

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Additional Information

TYPICAL PROPERTIES

	Unit	Value
Average particle size	µm	< 7
Appearance, form		white powder
LOI (loss on ignition)	wt%	< 8
Thermal stability	°C	> 800

ZEOflair is a highly active zeolite adsorbent in powder form for the removal of undesirable odors, flavors and volatile organic compounds (VOC).

CAS Number: 1318-02-01
 EINECS Number: 215-283-8 (930-985-0: REACH associated)
 REACH Number: 01-2119455853-31-0003
 Customs tariff: 3824.90

MANUFACTURER

ZEOflair is manufactured by Zeochem AG, 8707 Uetikon, Switzerland, Zeochem AG is ISO 9001:2008 certified.

CHEMICAL INVENTORIES

ZEOflair is in compliance with the following chemical inventories:

- United States: Toxic Substances Control Act Inventory (TSCA)
- Canada: Domestic Substances List (DSL)
- Europe: European Inventory of Existing Chemical Substances (EINECS)
- Australia: Australian Inventory of Chemical Substances (AICS)
- Korea: Korean Existing Chemicals List (KECL)
- Japan: Japanese Inventory (ENCS)

FOOD CONTACT

- ZEOflair is in line with Regulation (EU) No. 10/2011 and its amendments. There are no specific migration limits specified by the regulation for ZEOflair. The directive specifies 10 mg/dm² as the maximum overall migration from the finished plastic food contact articles. This is the responsibility of the converter.
- ZEOflair corresponds to the purity requirement of the German Bundesinstitut für Risikobewertung (BfR) „Füllstoffe für Bedarfsgegenstände aus Kunststoffen“.
- ZEOflair meets the US Food and Drug Administration (FDA) requirements contained in the Code of Federal Regulations in 21 CFR 176.170, 177.1200, 177.1520, 177.1680, 177.2260, and 177.2600, respectively.
- ZEOflair meets the Swiss plastic regulation 817.041.1, which specifies the requirements to plastics that get into contact with food.

For further information please call us.