



Zeochem – Chemistry. Pure. Efficient.

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		+++
	350	Powder		++
	800	Powder	+	+
	810	Powder	+	+
	1000	Powder	++++	

++++ +++ ++ + ↔ + ++ +++ +++++

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

Zeochem AG

Joweid 5 · 8630 Rüti · Switzerland

Phone +41 44 922 93 93 · Fax +41 44 920 20 93

info@zeochem.com · www.zeochem.com

ZEOCHEM®**cph**A Company of
Chemie + Papier Holding AG

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) (930-915-9: REACH associated for ZEOflair® 1000)

REACH Number: 01-2119455853-31-0003 (01-2119429034-49-0012 for ZEOflair® 1000)

Customs tariff: 2842.10

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) Australian Inventory of
- Australia: Chemical Substances (AICS)
- Korea: Korean Existing Chemicals List (KECL)
- Japan: Japanese Inventory (ENCS)
- China: Inventory of Existing Chemical Substances Produced or Imported in China (IECSC)

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, 177.2600 and 182.2727, 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.