food contact

hot melt adhesives

experience performance from our **hot melt adhesives** for **'end of line' packaging applications**

waxes | adhesives | dispersions

paramelt

experience. performance.

food contact hot melt adhesives
for packaging applications

paramelt
experience. performance.

Food packaging

Hot melt adhesives are widely used in both primary and secondary paper and board based packaging, although in most cases the hot melt itself does not intentionally come in to direct contact with the packaged foodstuff.

Despite this, in recent years, both brand owners and retailers have been setting increasingly demanding requirements on their packaging materials with the goal to guarantee maximum levels of consumer safety.

Direct food contact

Paramelt has also invested heavily in both
- product development and
- manufacturing facilities

to be able to offer the highest possible standards of food safety from its hot melt adhesives.

Since 2015, Paramelt has been manufacturing its hot melts in Europe in an FSSC 22000 certified facility, employing comprehensive standards of HACCP and GMP to be able to certify its products to the tightest requirements.

In addition to employing these demanding manufacturing criteria, Paramelt select carefully controlled and fully certified raw materials to be able to offer the most food contact compliant adhesives possible.

Non-intentionally added substances (NIAS)

As well as defined regulatory specifications for food contact applications, the issue of non-intentionally added substances (NIAS), has become a topic of concern over recent years to further increase safety in the supply chain.

One specific issue in relation to paper and board based packaging has been the inadvertent exposure to uncontrolled mineral hydrocarbon species [MOSH & MOAH] via the recycling stream.

Controlled, food contact approved, mineral hydrocarbons are intentionally used in hot melt formulations and can add to levels measured in food packaging.

In order to address this topic, Paramelt conducts further monitoring and control of the selected raw material base in order to be able to offer a range of controlled mineral hydrocarbon content products.

As well as the hydrocarbon species arising directly from mineral origin (oils and waxes) the polymers and resins used in hot melt adhesives can contain species which give the same analytical fingerprint as the so called MOSH and MOAH species. These can be identified individually as of resin (R) or polymer (P) origin and specified separately as so called ROSH/ROAH or POSH/POAH.

Our product offering

Paramelt have a range of products meeting the most stringent food packaging requirements.
A selection of these products are highlighted in the table below.

FOOD CONTACT COMPLIANT – MINERAL HYDROCARBON CONTROLLED HOT MELT ADHESIVES						
Product Reference	Mineral Hydrocarbon		Resin/Polymer Origin Hydrocarbon		Food Contact Approved*	Description
	MOSH [%]	MOAH [%]	R / POSH [%]	R / POAH [%]		
STANDARD YELLOW EVA						
Plastomelt S 9473	0.3	0	0	0	Y	General purpose, fast setting packaging adhesive
Plastomelt S 9511	0.3	0	0	0	Y	Fast setting, heavy trays/board
Plastomelt S 8684	0.2	0	0	0	Y	Medium to fast setting, multipurpose adhesive
Plastomelt S 8570	0.3	0	0	0	Y	Low viscous , fast setting, very high speed machines, sift proof applications
PREMIUM WHITE EVA						
Plastomelt 8453	0.2	0	14.7	0	Y	Medium to fast setting, multipurpose adhesive
Plastomelt 9001	0.3	0	8.5	1.2	Y	Fast setting for high speed machines
Plastomelt 9679	0.3	0	6.6	0	Y	Fast setting, superior adhesion on difficult substrates
HIGH PERFORMANCE Metallocene						
Excelta 804 plus	< 0.1	0	12	1.2	Y	Long open time, fast setting, heat resistant
Excelta 861	0.4	0	14.7	0.1	Y	Low viscosity, difficult substrates, sift proof applications

* For detailed food contact compliance statements please contact your Paramelt representative.

Production environment

Paramelt's triple approach of

- Food grade facilities
- Selected food contact materials
- Controlled raw material stream

allows brand owners and retailers to make conscious choices about the components employed in their food packaging materials, confident in the knowledge that their hot melt adhesive meets the highest possible standards of food safety.

About Us

More than 100 years old, originally established in 1898, Paramelt has grown over the years to become the leading global specialist in wax based materials, including hot melt adhesives. Today Paramelt operates from 7 production locations around the globe in The Netherlands, USA and China. The company functions through a series of global business units providing a structured approach to the key market sectors in which we operate. For packaging applications, our full product offering includes waxes, adhesives and functional coatings. Serviced by both regional sales offices, as well as a comprehensive network of distribution partners, our customers can be assured of the highest levels of local service and support.

As a global specialist in hot melt adhesive technology, Paramelt are a strategic partner to many leading global brands providing not only a standard product range but also well known for custom and tailor made products. Paramelt possess extensive experience in the design and development of packaging hot melts to meet critical machine and application requirements. The company has built significant knowledge of performance aspects needed to make our adhesives effective at all stages of the supply chain. Our products are backed up by regional laboratories providing comprehensive application and analytical testing facilities to ensure selection of the most appropriate hot melt adhesive for your application.

Through our worldwide network, Paramelt is firmly integrated with the global supply chain for waxes, polymers and resins, providing a strong platform from which to ensure you the best possible continuity of supply and value for money. Built on a tradition of partnership and trust; underpinned by detailed knowledge gained over more than 100 years of operation, Paramelt can offer real benefits to your operation. Why not get in contact with us today and experience the performance we can bring to your business.

paramelt

experience. performance.

Paramelt Europe
Costerstraat 18, 1704 RJ Heerhugowaard
The Netherlands
t +31 72 57 50 600

Paramelt USA
2817 McCracken Street, Muskegon, MI 49441
United States of America
t +1 231 759 7304

Paramelt Asia
109 Sutong Road, Suzhou Industrial Park
Suzhou, Jiangsu 215021, China
t +86 512 6761 6618

www.paramelt.com