

## Product Range For Adhesives, Coatings & Elastomers (2007-2008)



**Suprasec® MDI and MDI-based prepolymers  
for the formulation of Adhesives, Coatings  
and Elastomers**

**Our Offer:  
Dedicated Customer Service  
Tailor-Made Products  
Global Approach**

# Applications for Specialty MDI Various

Huntsman Polyurethanes MDI isocyanates can be used in various applications within the ACE market. The following chart specifies which are best suited for each:

<b>Adhesives</b>	Waterborne crosslinkers	Suprasec® 9259, 9236, 2405
	Wood adhesives	Suprasec® 7129, 7139, 9457
	Grouts	Suprasec® 7121, 7123, 7133
	Structural	Suprasec® 1007, 2060, 2234
	Construction sealants	Suprasec® 7125, 7122
	Multipurpose lamination	Suprasec® 7120, 7110, 7113
	Rubber crumb binders	Suprasec® 7112, 2020
	Packaging	Suprasec® 7134, 7130, 3056
	2K panel lamination adhesives	Suprasec® 2026 & Daltobond YC 10001

<b>Coatings</b>	Industrial Coating	Suprasec® 9258
	2K Concrete Primer	Suprasec® 9259
	Waterproofing Membrane	Suprasec® 7122, 7125
	2K & 3K Concrete Flooring	Suprasec® 2496
	2K Spray Polyurethanes	Suprasec® 7101 & Instathane IA 01000 Suprasec® 7141 & Instathane IA 01100
	2K Spray Polyurea	Suprasec® 9480 & Daltobond YS 30001

<b>Elastomers</b>	Cast Elastomers	Suprasec® 1209, 2433, 9465, 9272, 2024
	2K Mouth Pad	Suprasec® 7152 & Daltoped FF 11820
	2K Electrical Encapsulants	Suprasec® 5005 & Daltoflex CE6

# Suprasec<sup>®</sup> MDI Isocyanates

Product Type	Product Name	%NCO	Viscosity mPa·s @ 25°C	Fn		
<b>High-functionality Products</b> Polymeric MDI	Suprasec <sup>®</sup> 2085	30.5	620	2.9		
	Suprasec <sup>®</sup> 5005	31.0	220	2.7		
	Suprasec <sup>®</sup> 5025	31.0	210	2.7		
	Reactivity Modified Polymeric MDI	Suprasec <sup>®</sup> 1051	30.9	210	2.7	
		Suprasec <sup>®</sup> 2211	31.0	230	2.7	
<b>Mid-functionality Products</b>	Suprasec <sup>®</sup> 2012	25.0	530	2.3		
	Suprasec <sup>®</sup> 2030	28.6	170	2.3		
	Suprasec <sup>®</sup> 2496	31.3	90	2.5		
<b>Pure MDI</b>	Suprasec <sup>®</sup> 1228	33.5	5*	2.0		
	Suprasec <sup>®</sup> 1306	33.5	5*	2.0		
	Suprasec <sup>®</sup> 1810	33.5	5* <small>* at 50°C</small>	2.0		
<b>Low-functionality Products</b>	Suprasec <sup>®</sup> 2020	29.5	40	2.1		
	Suprasec <sup>®</sup> 2384	29.4	40	2.1		
	Suprasec <sup>®</sup> 3056	33.5	12	2.0		
<b>Emulsifiable Products</b>	Suprasec <sup>®</sup> 2405	28.4	150	2.1		
	Suprasec <sup>®</sup> 9259	29.5	270	2.7		
	Suprasec <sup>®</sup> 9236	30.1	250	2.7		
<b>Prepolymer</b>	High & Mid-functionality Products	Suprasec <sup>®</sup> 1007	6.8	5500	2.1	
		Suprasec <sup>®</sup> 2060	15.9	3000	2.5	
		Suprasec <sup>®</sup> 2234	16.0	2500	2.5	
		Suprasec <sup>®</sup> 7121	16.0	550	2.5	
		Suprasec <sup>®</sup> 7133	15.9	550	2.5	
		Suprasec <sup>®</sup> 7134	9.3	4500	2.9	
		Suprasec <sup>®</sup> 7135	13.6	280	2.5	
		Suprasec <sup>®</sup> 7139	12.3	900	2.4	
		Suprasec <sup>®</sup> 9258	32.1	40	2.3	
		Suprasec <sup>®</sup> 9457	15.3	1700	2.4	
		Low-functionality Products	Suprasec <sup>®</sup> 1209	21.6	420	2.1
			Suprasec <sup>®</sup> 2024	23.0	1500	2.0
			Suprasec <sup>®</sup> 2026	21.4	500	2.0
			Suprasec <sup>®</sup> 2433	19.0	350	2.0
	Suprasec <sup>®</sup> 7101					
	Suprasec <sup>®</sup> 7110		1.5	75	2.0	
	Suprasec <sup>®</sup> 7112		9.5	3500	2.0	
	Suprasec <sup>®</sup> 7113		3.5	200	2.0	
	Suprasec <sup>®</sup> 7120				2.0	
	Suprasec <sup>®</sup> 7122		2.2	80000	2.0	
	Suprasec <sup>®</sup> 7123		4.2	600	2.1	
	Suprasec <sup>®</sup> 7125		3.4	35000	2.0	
	Suprasec <sup>®</sup> 7129		13.8	950	2.2	
	Suprasec <sup>®</sup> 7130	16.0	1300	2.0		
	Suprasec <sup>®</sup> 7141					
	Suprasec <sup>®</sup> 7152	12.0	1500	2.0		
	Suprasec <sup>®</sup> 9272	8.0	3000	2.0		
Suprasec <sup>®</sup> 9465	22.9	250	2.1			
Suprasec <sup>®</sup> 9480	15.4	420	2.0			



Enriching lives through innovation

### Comprehensive Technical Support and Applications Development

When it comes to polyurethane chemistry for the ACE marketplace, Huntsman Polyurethanes is your most important resource. Our experience can help you at virtually every stage of ACE product development, from formulation assistance to manufacturing.

Our Regional Technical Centers in Shanghai, Taiwan and Australia are linked to a global network in Europe and the USA.

Whether you're looking to improve your current ACE products or develop the next generation, our ACE Team is ready to work with you. Call your ACE Specialists today.

#### Huntsman Polyurethanes ACE Business Team

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