

Hei-Nate Isocyanate products



H&K Ltd. has developed the isocyanate products named “Hei-Nate 9000 series” based on over 50 years of experience and track record in developing polyurethane resins. In addition to existing grades, we will also develop and manufacture custom-made isocyanate products that meet our customers' wishes.



Head Office
10F Yanagibashi First Building, 2-19-6 Yanagibashi,
Taito-Ku, Tokyo 111-0052, Japan
TEL : 81-3-3865-3690



Chiba Plant
20-11, Takeda, Kozaki-Machi, Katori-Gun, Chiba, 289-0212, Japan
TEL: 81-478-72-2231

Hei-Nate Isocyanate products



The isocyanate product "Hei-Nate" offers a lineup of isocyanate-terminated prepolymers and isocyanate blend materials.

Isocyanate-terminated prepolymer is a polymer obtained by reacting a polyol with an excess of polyisocyanate.

The changes of the characteristics such as the presence or absence of yellowing due to ultraviolet rays or heat, color tone, reactivity, hardness, chemical resistance, and hydrophilicity are enabled by means of changing the type and molecular weight of the polyol and isocyanate.

Isocyanate-terminated prepolymer can be used as curing agent for two-component polyurethane resin that react with polyol (adhesive, elastomer, foam, paint, potting agent, etc.) and two-component polyurea resin that reacts with polyamines. They can also be used as binder for adhesive, primer, rubber chips, etc., utilizing the property of moisture curing.

Polyol **Compounds with two or more -OH groups**



Isocyanate **Compounds with two or more -NCO groups**



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About Hei-Nate Products

(1) Sales of existing products

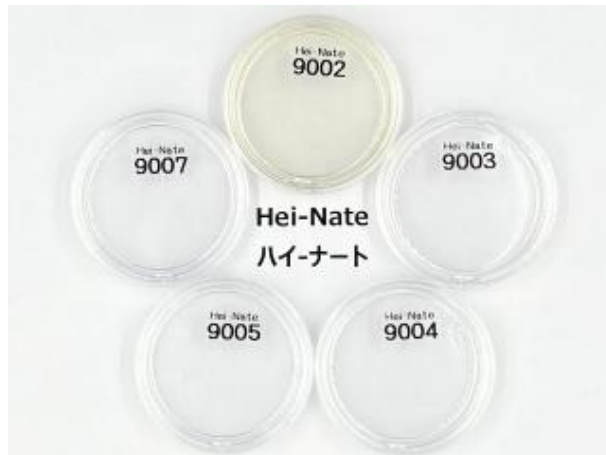
In addition to existing products, we also have developed products.
Please contact us if the grade you require is not available.

(2) Improvement of existing products

We will improve existing products on your request.

(3) New development

We develop new products by selecting the most suitable polyol and isocyanate according to the application and required characteristics.



Hei-Nate

Isocyanate products (Existing grade)

Product Name	Color tone	NCO% Representative values	Viscosity (25°C) mPa•s	Composition	Characteristics	Standard package
9002	Yellowish clear	25.6	250	PPG modified MDI	For rigid/semi-rigid foam Low viscosity	20kg can
9003	Pale yellow transparent	22.9	700	PPG modified MDI	For elastomers For rigid/semi-rigid foam	20kg can
9004	Pale yellow transparent	15.4	750	PPG modified MDI	For sprays / For elastomers Flexibility	18kg can 220kg drum
9005	Pale yellow transparent	4.8	7500	PPG modified MDI	Impartment of flexibility	16kg can 208kg drum
9007	Pale yellow transparent	9.5	3300	PPG modified MDI	Impartment of flexibility	18kg can
9101	Yellowish clear	21.5	600	PEP modified MDI	For elastomers	20kg can 200kg drum
9201	Yellowish clear	22.3	300	Castor oil-based modified MDI	For elastomers Low viscosity	20kg can
9202	Yellowish clear	16.6	1800	Castor oil-based modified MDI	For elastomers	20kg can
9203	Yellowish brown	24.2	1200	Castor oil-based modified MDI	For adhesives	20kg can
9301	Pale yellow transparent	13.0	2100	TDI adduct 75% Ethyl acetate 25%	For adhesives	20kg can
9401	Pale yellow transparent	23.0	1200	HDI nurate	For paints	20kg can 220kg drum

※Drum can is also available on your request