

COSMONATE CG-35S

-Technical Data Sheet-

1. characteristics of product

Cosmonate CG-35S is Special Modified MDI, which is widely used in soft material field automobile, Seat Cushion foam for furniture and Arm Rest manufacturing.

Cosmonate CG-35S is liquefied product in high temperature, so easy to treat for storage up to 10, as a Solvent Free type, mixed with one volume MDI of 4,4-Diphenyl-methane dilsocyanate, of which more than two volume, three volume, four volume's oligomer, has maximum 20cps(25) of adhesion degree.

2. product application



car Seat



bicycle pad



Head Rest



seat cushion

Cosmonate CG-35S is a special Modified MDI which developed as suitable for Seat Cushion manufacturing. It is used to make Cushion Pad, Arm Rest, Head Rest, which require excellent operation, formation and high solidity.

Especially, it's improved by Cure, it's widely used not only in Seat Cushion material for automobile, but also in Sofa or chair Cushion material, bicycle Pad.

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3. Product standards & general properties

item	evaluation	Unit	Result
Product specifications			
NCO content	ASTM D 1638	wt%	34.6 ~ 35.6
viscosity (25°C)	ASTM D 1638	cps	Max. 20
H.C content	ASTM D 1638	%	Max. 0.3
Acid content	ASTM D 1638	%	Max. 0.1
Specific gravity (25°C)	ASTM D 1638	-	1.21 ~ 1.23
general properties			
product exterior			light brown liquid
boiling point		°C	208
freezing point		°C	below 10
vapor pressure(25°C)		mmHg	negilgible
flash point		°C	177 ~ 218
chemical structure			
<p>Over n=0,1,2,3,4</p>			

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4. product packaging

Cosmonate CG-35S is packed by 230kg Drum

5. Safety and Health

In case of skin contact, inflammation such as an eruption can break out. In case of getting in the eye, severe painful, when exposed excessively, eyesight trouble can happen. Also in case of inhaling steam of MDI, bronchial asthma, headache, dyspnea can break out, in case of eating it, it can cause a trouble in digestive organ and inflammation. In case of skin contact, you shall wash out with great quantities of water or soapy water.

And in case of contact to the eye, you shall wash out with great quantities of water or soapy water for 15minutes before go to see a doctor. Also in case of inhaling steam of MDI, you shall be moved to the fresh place, be kept safe and warm, be tried artificial respiration in need. In case of eating it, you shall eat a large quantity of water or milk, raw egg and vomit before go to see a doctor. It's not much inflammable but should be careful with fire. In case of fire extinguishing, carbonic acid gas type is appropriate. In case of big fire you shall put out a fire with water.

6. Storage and Handling

Appropriate storage temperature for CG-35S is 25~35°C. Be careful especially not to mix water with the storage tool, you shall make airtight with nitrogen gas if possible. When you work with MDI you shall wear an appropriate safety equipment, in need shall set ventilator or wear a gas mask. After work, you have to wash out with soapy water, polluted working uniform should be washed out before wearing.