

COSMONATE CG-6705

-Technical Data Sheet-

1. characteristics of product

Cosmonate CG-6705 is a special modified MDI, which is used for making sound absorbers that reduce various types of noises from automobiles' engines, roads, and tires, and also making furniture seat cushion foams, memory foams (health pillows) and integrated headrests/armrests of automobiles. Cosmonate CG-6705 is liquid at room temperature and can be stored and handled at a temperature of up to 10°C. In its solvent-free form, it provides a viscosity of up to 150 cps (25°C).

2. product application



HEAD REST



Memory foams



Furniture Sofa

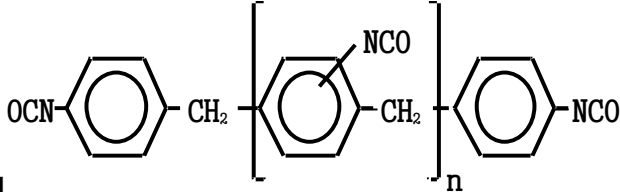


automobile absorbers

Cosmonate CG-6705 is a special modified MDI, which is used for a wide variety of purposes in automobile and furniture sectors. It has good air ventilation and excellent moldability, advantageous in making headrests, automobile sound absorber foams, which are made by using complex molds, and household cushion foams.

COSMONATE CG-6705

3. Product standards & general properties

item	evaluation	Unit	Result
Product specifications			
NCO content	ASTM D 1638	wt%	30.5 ~ 31.5
viscosity(25°C)	ASTM D 1638	cps	50 ~ 150
specific gravity(25°C)	ASTM D 1638	-	1.21 ~ 1.23
general properties			
product exterior			light brown liquid
freezing point		°C	below 10
vapor pressure(25°C)		mmHg	negilgible
flash point		°C	177 ~ 218
chemical structure			
			
Over n=0,1,2,3,4			

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4. product packaging

Cosmonate CG-6705 is packed in single 230kg drum

5. Safety and Health

Contact with the skin can cause inflammation including a rash, while contact with the eyes can cause severe pain, and visual disturbance may result in the event of excessive exposure. Inhalation of the vapor of MDI can cause bronchial asthma, headaches, or breathing difficulties, and its ingestion can cause irritation and inflammation of the gastrointestinal tract. In cases of contact with the skin, rinse the affected area completely with plenty of water or soapy water. In cases of contact with the eyes, rinse immediately with plenty of water or soapy water for 15 minutes, and seek professional medical help. In cases of MDI vapor inhalation, move the affected individual to a place where there is plenty of fresh air, keep him/her in a warm, stable condition, and perform artificial respiration if needed. In cases of ingestion, allow the affected individual to vomit with their head positioned lower than the hip to prevent suffocation from respiratory tract inhalation, and provide symptomatic treatment. Seek medical help if necessary. In the event of a fire, extinguish with a carbon dioxide fire extinguisher. In the event of a large fire, extinguish with water.

6. Storage and Handling

The optimal storage temperature for CG-6705 is 20~35°C. Caution is needed to prevent moisture from being mixed in the storage container, which should be sealed by dry nitrogen gas if possible. When working with MDI, proper safety equipment should be worn, and a ventilation or gas mask should be used if necessary. After work, wash completely with soapy water. Contaminated work clothes should be washed and cleaned for the next use.