

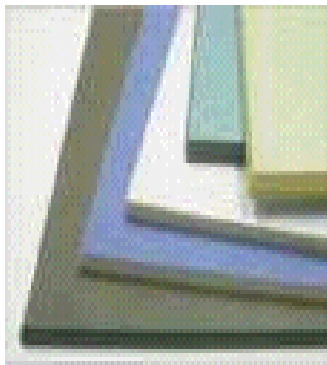
COSMONATE CG-32S

–Technical Data Sheet–

1. characteristics of product

Cosmonate CG-32S 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 mold foams for headrests, which soften the shock to the heads of passengers, as well as molds for armrests, ISF, and furniture. Cosmonate CG-32S is liquid at room temperature and has excellent storage stability in the cold season, allowing easy handling of the product. In its solvent-free form, it provides a viscosity of up to 40 cps (25°C).

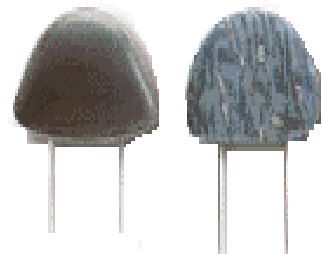
2. product application



Automobile sound absorbers



Automobile sound absorbers

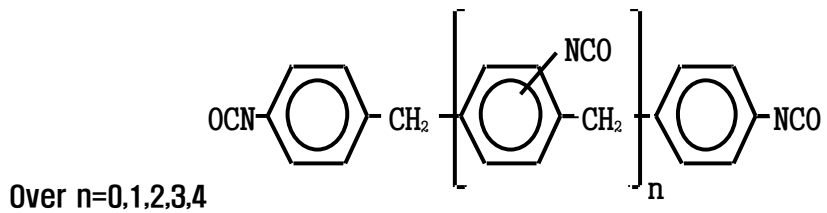


Head Rest

Cosmonate CG-32S is a special modified MDI, which is used for a wide variety of purposes, such as automobile sound absorbers, ISF, headrests and mold foams, for furniture. It has good air ventilation and good flowability and moldability, making its use advantageous in forming complex molds.

COSMONATE CG-32S

3. Product standards & general properties

item	evaluation	Unit	Result
Product specifications			
NCO content	ASTM D 1638	wt%	32.3 ~ 33.3
viscosity (25℃)	ASTM D 1638	cps	Max. 40
specific gravity (25℃)	ASTM D 1638	—	1.21 ~ 1.22
General Properties			
Apearance			brown liquid
Boiling point		℃	below 5
Vapor pressure(25℃)		mmHg	negligible
Flash point		℃	177 ~ 218
Chemical structure			
 <p>Over n=0,1,2,3,4</p>			

COSMONATE CG-32S

4. product packaging

cosmonate CG-32S 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

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.