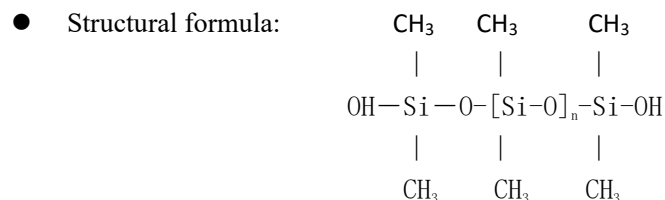


Technical Data Sheet

PRODUCT INTRODUCTION

- Name: Hydroxy-terminated polydimethylsiloxane(RTV-107 silicone rubber)



- Product standard: GB/T 27570-2011 RTV-107 silicone rubber

- Appearance: Colorless transparent Viscous liquid.

Melt Point (°C): No data Boiling Point(°C): >35

Specific Gravity (Waters=1): 0.97

Vapor Density (Airs=1): No data

Saturated vapor pressure (KPa) : No Data

Explosive: No Data

Solubility: Insoluble in water. Soluble in organic solvents, such as benzene, gasoline.

- Technical indexes

Item	Indexes		
Viscosity (25°C) / (mPa•s)	20000	50000	80000
Vdaf (150°C, 3h) /%	≤ 2.00		
Curing time on surface / h	≤ 2		

- Applications: Widely used for a variety of material such as plastic and rubber mold release, building caulking, insulation of electronic components, shockproof, moisture-proof, anti-corrosion, rubber and plastic products molding, ejection and as leather slip agent, lubricating agent, etc., and basic raw materials of RTV 1 and RTV 2, special specifications can be used in textile finishing and cosmetic industry.

- Hazard characteristics: Nonflammable, no hazard.

- Stability: Stable

- Banned articles: Oxidant, Water, Alcohol, Acid, Alkali, Metal or Metal Compounds.

- Combustion (decomposition) products: Silica, Carbon dioxide, trace carbon of not complete combustion, formaldehyde, Hydrogen.

- Package storage and transportation: It should be packed in 200L drum, IBC tote and be stored in a shady, cool and ventilated storehouse. It should be kept away from kindling. Avoid direct sunlight. And it should be put and stored separately from oxidant, acid, and alkali. Corresponding varied and quantitative fire fighting equipment should be equipped. Check regularly to make sure whether there is a leakage phenomenon. Operate and handle in nitrogen gas. When conveying, take care of loading and unloading to avoid damages on package and vessels. A regulated route is required for transportation without changing the route and staying on the midway.
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