



PRODUCT DATA SHEET

Benzoflex[®] 9-88 SG

Benzoflex[®] 9-88 SG is recommended for cast urethane applications that require minimum cure interference and maximum compatibility. It offers excellent inert filler acceptance, contributes improved tear strength, better rebound and reduce swell with certain solvents. It is adaptable to both metering and hand batch urethane mix systems.

SPECIFICATIONS

Acidity (as benzoic acid), % max	0.1
Appearance	Clear liquid, free of particulates
Assay (as benzoate ester), % min	99.0
Color, APHA, max.....	120
Hydroxyl number, mg KOH/g.....	4-6
Moisture, % max	0.07

SOLUBILITIES

In water, %	< 0.01
Water in, %	0.25
Aliphatic and Aromatic Hydrocarbons.....	Soluble

TYPICAL PROPERTIES

Boiling point @ 5 mm Hg, °C	232
Color, APHA	60
Density, lbs/gal @ 25°C	9.346
Dielectric constant @ 60 Hz (1000 Hz).....	7.6 (7.5)
Flash point, °C, COC.....	199
Glass point by DSC, °C	- 40
Molecular weight (theoretical).....	342.3
Moisture, %	0.07
Odor.....	Mild ester-like
Pour point, °C	- 19
Refractive index, 25°C	1.5282
Specific gravity, 25°C/25°C.....	1.120
Vapor pressure, 25°C, mm Hg	2.29 x 10 ⁻⁷
Volume resistivity, ohm cm ² /cm	1.10 ¹⁰

REGULATORY INFORMATION

Global Inventory Status All chemical substances in this material are included on or exempted from listing on the following inventories:	Australia (AICS) Canada (DSL) China (IECSC) Europe (EINECS) Korea (KECI) New Zealand (NZIoC) Philippines (PICCS) United States (TSCA)
U.S. FDA Approvals	21 CFR 175.105 21 CFR 176.170 21 CFR 176.180
U.S. OSHA Communication Standard	Not regulated as a hazardous substance
Canadian WHMIS Classification	Not regulated as a hazardous substance

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