

Sikamoll® Plasticizer for Biresin® - PUR - resins

Areas of Application

- Additive for different PUR-systems for increasing of flexibility
- For lubricating and cleaning of PUR-processing devices

Product Benefits

- Good flexibilisation with low addition
- With increasing addition of **Sikamoll®** Shore hardness and strength are decreasing
- With increasing addition of **Sikamoll®** potlife and curing time will be longer

Description

- Basis Nonvolatile phthalate plasticizer, colourless-transparent, low viscous

Processing Data Sikamoll®

Density	g/ml	0,97
Flash point	°C	> 50

Processing Data of mixtures

Mixture of in parts by weight	Biresin® U1303 (A)	100	100	100	100	100	100	100
	Biresin® U1419 (B)	10	10	10	10	10	10	10
	Sikamoll®	-	10	20	40	60	80	130
Potlife	min	15	20	25	30	40	50	80

Physical Data (approx.-values)

Mixture of in parts by weight	Biresin® U1303 (A)	100	100	100	100	100	100	100
	Biresin® U1419 (B)	10	10	10	10	10	10	10
	Sikamoll®	-	10	20	40	60	80	130
Shore D hardness after 14 d / RT	ISO 868	90	86	81	75	68	61	50
Tear resistance	ISO 34 N/mm	30	23	19	12	10	7	6
Tensile strength	ISO 527 MPa	15	14	10	7	5	4	3
Elongation at break	ISO 527 %	400	500	500	350	350	350	400

Packaging

Individual Components **Sikamoll®** 10 kg net

Processing

- The material and processing temperature must be 18 - 25°C.
- Sikamoll® is to be added to the polyol resp. amine component before mixing with second component.
- Pay attention to the processing conditions of corresponding Biresin® PUR resins too.
- For addition of high amounts of Sikamoll® curing acceleration with heat is recommended.

Storage

- Minimum shelf life is 24 month under room condition (18 - 25°C), when stored in original un-opened containers.
- Containers must be closed water tight immediately after use and prevented from moisture. The residual material has to be used up as soon as possible.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

Disposal considerations

Product Recommendations: Must be disposed of in a special waste disposal unit in accordance with the corresponding regulations.

Packaging Recommendations: Completely emptied packagings can be given for recycling. Packaging that cannot be cleaned should be disposed of as product waste.

Value Bases

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Legal Notice

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