Technical Information

POLYCAT® SA 8

Description

POLYCAT® SA 8 is a tertiary amine that promotes the urethane reaction under heat activation or when combined with co-catalysts at ambient temperature for use in coating, adhesive, sealant, elastomer and composite applications. Formulations based on POLYCAT® SA 8 can provide a very long pot life typically achieved with mercury catalysts.

Special properties/Highlights

- Very long pot life
- Mercury and heavy metal free

Application

POLYCAT® SA 8 is recommended for coatings, adhesives, sealants, elastomer or composite applications where a long open time is required to achieve sufficiently long handling time, to achieve improved flow or improved substrate wetting.

Curing time of POLYCAT® SA 8 based formulations can be improved when combining with appropriate pot life extenders available from Evonik.

The recommended use level of POLYCAT® SA 8 is 0.5 – 1.5 pphp.

Physical properties

Appearance	Clear liquid
Viscosity (25 °C)	9,500 mPa·s
Specific gravity (25 °C)	1.18 g/cm³
Calculated OH number	258 mg KOH/g

Recommended storage conditions

POLYCAT® SA 8 has a shelf life of 24 months from the date of manufacture and under the condition that it is stored in factory-packed containers and protected against extreme weather conditions, particularly against heat and moisture. The optimum storage temperature of POLYCAT® SA 8 is in between 10 °C and 30 °C. Lower and higher storage temperatures are not preferable and should be avoided.

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport of chemicals
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicological and ecotoxicological effects

is given in our safety data sheets.

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