

**TECHNICAL DATA SHEET**

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SOLAKRYL BX**Characteristics**

SOLAKRYL BX is a solution acrylic resin - polybutylmethacrylate dissolved in xylene. It finds applications in the production of high-quality paints.

Application

- production of paints

- For anticorrosion treatment
- For the treatment of metal surfaces
- For the treatment of surfaces in permanent contact with water
- For the treatment of wood, wooden floors, windows, fences and garden furniture
- For the treatment of concrete and other floors
- For use in aerosols
- In the printing industry – printing inks
- For impregnation treatment
- For the treatment of cardboard, gypsum, aggregate, etc.

As a binding agent or a modifying ingredient in other binding agents (e.g. alkyds)

- production of glues

- protection of printed circuits in electrical engineering

SOLAKRYL BX

- Enhances drying rate
- Easy application (convenient Mw)
- Creation of quality films characterized with faster drying, optimum hardness and typical gloss
- Enhances resistance to and stability in contact with UV radiation and chemicals
- Enhances resistance to weather conditions
- Enhances resistance to aging and is colorfast
- Enhances the properties of alkyd paints
- Additional softening agents are not required (thanks to the butylmethacrylate component)

Packaging: Cans: 1 kg Barrels: 180 kg

Storage: Store in sealed original packaging units in a cool, well-ventilated storeroom under the conditions specified for the storage of flammable substances of class II.



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SOLAKRYL BX

Physical-chemical properties**General:** Form (20°C): viscous liquid

Color: colorless to yellowish

Odor (smell): of xylene

Non-volatile organic compounds (dry matter): 52-56 %

Density: approx. 0.900 g/cm³

Solubility (at °C):

- In water: insoluble

In other solvents: soluble in benzene, toluene, xylene, acetone, ethyl acetate

Information regarding the protection of health, occupational safety and the environment:

Flash point

(°C): 26.5

Self-ignition temperature (°C): > 470

Stability and reactivity**Conditions under which the preparation is stable:** store at a maximum temperature of 20°C**Conditions to avoid:** direct sunlight, higher temperatures**Hazardous decomposition products:** liberation of xylene vapors**General classification of the preparation:** Xn R 10-20/21-36/37/38-43**The most serious adverse effects on human health:** Solakryl BX may be harmful to health especially due to the content of xylene, a flammable solvent with narcotic effects. Xylene vapors have narcotic effects; depending on the duration of such effects and concentration vapors can cause a headache, fatigue, palpitations, shortness of breath, restlessness, nausea, vomiting, impaired balance, and even unconsciousness. Xylene irritates skin through which it is also absorbed. It may cause chronic poisoning.**The preparation contains these hazardous ingredients:**

Chemical name:	copolymer butylmethacrylate,	xylene	dibenzoyl peroxide with methyl methacrylate
Approx. content in %:	55	45	0.2
CAS:	preparation	1330-20-7	94-36-0
EINECS:	preparation	215-535-7	202-327-6
Warning symbol:	Xi	Xn	Xi, E

Recommended cleanup and liquidation methods: Re-pump as much of the preparation as possible into barrels and remove contaminated soil. Solakryl BX can also be liquidated in a hazardous waste incinerator whose operation is approved by relevant authorities.

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