
LAICRIL W-9363

LAICRIL W-9363 is a hydroxylated waterborne dispersion of an acrylic copolymer, plasticizers; solvents and ammonia free, and as well as alkylphenol ethoxylated surfactants free. It's recommended for coatings industry.

TECHNICAL CHARACTERISTICS

		<u>MÉTHOD</u>
Appearance:	Milky white	
Solids by weight (%):	43,0 ± 1,0	I-10-31
Viscosity Brookfield RVT 23°C (sp. 2/50 rpm, mPa·s):	< 400	I-10-32
pH:	7,5 – 8,5	I-10-33
Minimum film formation temperature (MFFT) (°C):	44 ± 3	I-10-43
% Hydroxyl Content (on solids):	1,3	
Film hardness (Persoz) (sec.):	250 ± 15	I-10-37
Specific gravity at 20°C (g/cm ³):	1,01 – 1,07	I-10-52
Emulsifying system:	Anionic	
Mechanical stability:	Excellent	

APPLICATIONS

LAICRIL W-9363 is a core-shell emulsion, with free hydroxyl radicals.

LAICRIL W-9363 emulsion can be used for 2K formulations, crosslinking with emulsifiable polyisocyanates or can be used for 1-component (1K) formulations. The crosslinking with the polyisocyanate increases the physical and chemical resistance.

LAICRIL W-9363 needs co-solvent addition for a correct transparent and brightness film formation. Our recommendation is Butyldiglycol or Dipropylene glycol methyl ether, other co-solvents may be checked. The co-solvents need to be mixed with demineralized water previously to the addition into the emulsion, under agitation.

LAICRIL W-9363 is suitable for making varnishes and clear or pigmented coats, both as a component (alone) or two components (isocyanate). It has a very quick drying at room temperature with an excellent transparency and wetting of wood. Also, conveniently formulated, it has a very good adherence in other types of surfaces as metal, glass and some kinds of plastic.

Compatibility of our **LAICRIL W-9363** with the most common fillers, pigments and additives used for wood market is very good, but anyway we recommend checking.

PACKING

LAICRIL W-9363 is expended in bulks and containers of 1.000 Kg.

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STORAGE CONDITIONS

LAICRIL W-9363 has to be preserved at temperatures between 5 and 40 °C, in its original containers, protected them from freezing and away from heat sources. Containers should be kept hermetically closed to prevent the formation of a superficial film due to water evaporation. If these conditions are maintained, the product preserves its properties for an approximate period of six months.

SAFETY REGULATIONS

LAICRIL W-9363 is not classified as a toxic, dangerous or flammable product under normal conditions of handling. This product does not contain any hazardous components which involve, under the actual regulations, any caution for labelling.

We recommend its use without any special safety measures, only the usual precautions when handling chemicals must be observed, including local health and safety regulations.

All safety information is available upon request in the Material Safety Data Sheet for the product.

"The information, descriptions, designs and suggestions provided by LAIEX, verbally or written, are exclusively given for your guidance only, owing to many factors out of LAIEX control, which are susceptible to affect the process, applications or product uses; it must be necessary executing by the user the necessary tests to establish the suitability of the products for particular purpose prior to be used. LAIEX suggestions don't exclude the user obligation to check the technical data sheets and safety data sheets, just as our informative brochures. No warranties of any kind, either implied or explicit, including the implied warranties of marketability, capacity for a particular purpose may be considered like a license concession to infringing rights derived of current patents. In any case the descriptions, data and designs shown here, should not be understood as elements of our terms and sale conditions. The user agrees and expresses to know that neither of the descriptions and data given by LAIEX can be considered as assumption of obligation and/or responsibility of this society, with regard the results obtaining as particular uses of product; results that are accepted by the user under his own responsibility."