



QUASAR s.r.l.

SCREEN PRINTING AND DIGITAL INKS

10098 RIVOLI (TO) - ITALY - Via Di Vittorio 61
Tel. +39 (0)11 95.88.274 - Fax +39 (0)11 95.94.196
www.quasarink.it - info@quasarink.it - didattica@quasarink.it

TECHNICAL DATA SHEET

400.024 SPRAY PRIMER FOR POLYPROPYLENE

SAFETY DATA

Spray paint based on selected and top quality vinyl resins.. All components of 400.024 SPRAY PRIMER FOR POLYPROPYLENE are in compliance with the REACH regulation (CE) n. 1907/2006 of the European Parliament and of the Council concerning the registration, evaluation, authorization and restriction of chemical substances and related updates and summaries.

400.024 SPRAY PRIMER FOR POLYPROPYLENE is free from the following substances subject to registration:

- persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) substances in compliance with Annex XIII Reach;
- substances included in the list subject to authorization, defined according to Article 59;
- substances that exceed the EEC workplace limits;
- substances subject to restrictions on manufacture, placing on the market and use of substances and preparations such as defined in Annex XVII;
- SVHC substances (Substances of Very High Concern) listed in the CANDIDATE LIST of substances of very high concern for Authorization, published in accordance with Article 59 of the REACH Regulation.

The precise choice of not having harmful and toxic components allows 400.024 SPRAY PRIMER FOR POLYPROPYLENE to be used safely in the workplace, extending the intervals of legal visits.

The DME is used as propellant in the 400.024 SPRAY PRIMER FOR POLYPROPYLENE cans. DME (dimethyl ether) is a propellant gas that can also be used as a fuel and responds to growing concerns about environmental pollution. DME is neither toxic nor asphyxiating. It is a colorless gas that is not harmful to ozone and is partially soluble in water. Being a gas solvent mixture, in any case the product must be used in the presence of suction or air flow. The occupational exposure limit values TLV calculated over 8 hours is 1 920 mg./m³; 1 000 ppm (Legislative Decree 2 February 2002, No. 25).

CHARACTERISTICS AND ADHERENCE

All surfaces of polyolefin origin can refuse the anchoring of digital and even screen-printed inks.

400.024 SPRAY PRIMER FOR POLYPROPYLENE is able to anchor itself to many polyolefin surfaces refractory to printing. In particular, it adheres to PP polypropylene, PE Polyethylene LD, PB Polybutene, Ionomers, cellulose acetate, PETG, extruded methacrylate, natural leather, etc.

In particular, adhesion to polyolefins, a thermoplastic material that cannot be affected by solvents at room temperature, also adheres to many materials whose surface tension is <39 dyne (m / Nm). In these cases, since in digital printing it is not possible to change ink type or ink family, 400.024 SPRAY PRIMER FOR POLYPROPYLENE solves many problems without affecting or deteriorating the surfaces on which it is sprayed. The components of 400.024 SPRAY PRIMER FOR POLYPROPYLENE have a very rapid action on almost all types of polyolefins.

400.024 SPRAY PRIMER FOR POLYPROPYLENE must be crushed on the support. The product dries in a few seconds, even at room temperature, creating a transparent veil that anchors to the support to be printed. Just a quick pass with just one spray and the product spreads perfectly on the support without being visible. The veil created becomes receptive to printing and allows the anchoring of different screen and digital inks, both solvent and U.V.

The most compatible screen printing inks with 400.024 SPRAY PRIMER FOR POLYPROPYLENE are the series 240 SERIPROP, 241 ECO PROP, 262 NYLOFLEX.

The transparency of 400.024 SPRAY PRIMER FOR POLYPROPYLENE dry is excellent. Above all check the degree of gloss of the Primer so that it is not too different from the finish of the material.

Always use in the presence of an aspiration system or in a well-ventilated area, as the solvent is flammable. After having sprayed 400.024 SPRAY PRIMER FOR POLYPROPYLENE on the supports and verified the drying, proceed immediately also to the printing, also with digital ink. When the ink has dried, you will notice a noticeable increase in the resistance to scratching and scotch. In any case the printing of the support can also be done at a later time, without affecting the adhesion of the ink.

DRYING

400.024 SPRAY PRIMER FOR POLYPROPYLENE dries after approx. 30 "after spraying (air 17 ° C - 25 ° C) and in a few seconds under a jet of hot air. The support can be manipulated or stacked without problems. It is not necessary to pass over the surface several times, just a single and quick passage to get the correct deposit.

PRODUCT DURATION

In original, sealed and sealed package, 400.024 SPRAY PRIMER FOR POLYPROPYLENE can be safely stored for up to 2 years. 400.024 SPRAY PRIMER FOR POLYPROPYLENE is supplied in spray cans of cc.400. Storage must be carried out in ventilated rooms with a maximum temperature range of 5 ° C- 40 ° C without particular indications. We recommend storing the product in a cool, well-ventilated area away from flames and sparks. The product, properly stored in the original packaging, lasts over 1 year from packaging. Aerosol product - Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 ° C. Do not pierce or burn, even after use. Do not spray on a flame or an incandescent body. Keep away from any source of combustion. Not smoking. Keep out of reach of children. Apply the product in the strictly necessary quantities. An excess of quantity can give rise to the formation in the air of any accumulations of flammable gas.

GARANZIE

QUASAR srl produces inks and silk-screen products with competence and experience and adopts an internal quality control system. The components of its products under continuous checks and inspections with the test and sample of each individual production, in the interest of both the manufacturer and the user. The application of QUASAR srl products are so far as to be able to guarantee the replacement of products if it is defective or faulty production. The printer is therefore responsible for the appropriate suitability for specific requests. Most screen printing problems result from incorrect application or product selection. QUASAR srl is the complete disposal of customers to advise, make corrections and customizations to production screen printing products. We therefore urge to close technical collaboration so that we can always improve in screen printing. The quality and production are recognized by QUASAR srl exclusively for their products and packaged in the original containers of kg.1 and 5

ANY PARTIAL REPRODUCTION IS FORBIDDEN