PRODUCT DATA SHEET

Sprayable contact Adhesive for profiles

UZIN SOL K-205 SL

Solvent-based contact adhesive for industrial applications

Description:

Spayable solvent-based neoprene contact adhesive for profiles, trims and coverings with smooth or lightly structured surfaces. For interior use only.

Suitable on / for:

- Industrial adhesions
- Also, for resilient sheet and tile floor coverings, e.g. PVC, cushioned vinyl, linoleum, rubber, cork, bonded cork-PVC (and conditionally for polyolefin coverings)
- Only for solvent-resistant surfaces and materials, e.g. screeds, plaster, concrete, plastics, wood, metal, etc.

Suitable for all flat surfaces, prepared as necessary, existing floor finishes and coatings as well as metals.

Note: refer to the hazard and safety notes (See" Protection of the Workplace and Environment)

- Thin texture- sprayable
- Very easy to apply
- Very rapid drying
- Long contact bond time
- Very high immediate bond-strength
- Excellent heat resistance up to 50°C
- High solvent content

Product benefits / features:

Ready to use, solvent-based, liquid contact adhesive with a wide range of technical advantages for spraying applications. Its high flammability and the emission of large quantities of solvent vapor make usage restrictions and protective measures necessary.

Bonding agent: Polychloroprene (neoprene) rubber with bond strengthening resins.

Technical Data:

Packaging:	metal drum
Sizes:	19kg, 5kg
Storage:	minimum 6 months
Hazard characteristics:	see" Protection of the Workplace and Environment
Color liquid/dry:	Beige
Consumption /coverage:	250 - 400 g/m^2 (double-stick application)
Working temperature:	Minimum 10 °C
Open time:	5-20 minutes*
Contact bond time:	2-3 hours*
Set to traffic / loading:	Immediate
Final strength:	after 2-3 days*

* At 20 °C and 65% relative humidity.

| UZIN Hellas | POLYCHIMIKI G. MATZIARIS | 14th Km Old National Rd Thessaloniki-Veria | GR-570 11 Industrial Park Of Anchialos THESSALONIKI |
| Tel. +30 231 0 722991-3 | Fax +30 231 0 722570 | E-mail info@uzin.gr | Internet www.uzin.gr

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Substrate preparation:

The substrate must be level, sound, dry, free from cracks, clean and free from materials that would impair adhesion. Test the substrate in accordance with applicable standards and notices and report any deficiencies. Contact bond surfaces must be as smooth and flat as possible. Prime chalky or dusty surfaces, e. g. calcium sulphate, gypsum, chipboard, etc. with diluted UZIN SOL K-205 (dilute product with UZIN Nitro-Solvent). Thoroughly abrade and clean dense and smooth surfaces, e. g. plastics, metals, existing wear surfaces, coatings, etc.

Prime and prepare very uneven surfaces. For priming on mineral surfaces, e.g. UZIN PE 421, for smoothing, e. g UZIN NC 170 (floors) or UZIN NC 182 (walls/floors). For other surface types, select suitable primers and smoothing compounds from the UZIN Hellas Product Guide.

Always allow primers and smoothing compounds to dry thoroughly.

Refer to the Product Data Sheets for the products used.

Application:

1. Before using it, shake the adhesive well and then apply a thin, even coat onto both the backing of the covering and the substrate using airless equipment.
2. Allow both coats of adhesive to evaporate sufficiently (approx. 10 minutes) so that they are almost dry to the touch. Then lay the covering/profile immediately, or within the contact bond time, into exact position and rub, roll or tap hard over the whole surface. No correction is possible. After 10-20 minutes, rub hard once again, especially on joints and at edges.
3. To dilute or remove adhesive contaminations, use UZIN Nitro-Solvent. On sensitive surfaces, test resistance to solvents. UZIN Nitro-Solvent is very highly inflammable.

Consumption Data:

Consumption*
100-150g/m^2 (Per side)

*At 20°C and 65 % relative humidity at room temperature.

Important notes:

- Shelf life minimum 6 months in original packaging when stored in cool, dry conditions. Carefully and tightly seal opened containers and use the contents as quickly as possible.
- Place containers kept in too cold conditions with thickened product content, in a warm area and shake repeatedly.
- Optimum working conditions are 15-25°C, floor temperature above 10°C, relative humidity below 75%.
- Too high humidity can lead to condensation on the adhesive film and failure of the contact bond.
- Thoroughly prepare solvent-sensitive or soluble surfaces, e.g. bitumen, mastic asphalt, etc.
- The following standards and notices are applicable and especially recommended: DIN 18 365" Working with floor coverings"/publication of the Adhesives Industry Association "Assessment and preparation of surfaces – adhesion of resilient and textile floor coverings".

Protection of the workplace and the environment:
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Carc. 2: H351 - Suspected of causing cancer. Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Repr. 2: H361d - Suspected of damaging the unborn child. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure. STOT SE 3: H336 - May cause drowsiness or dizziness. P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 IF exposed or concerned: Get medical advice/attention. P501 Dispose of the contents/containers in accordance with the current legislation on waste treatment. EUH205 Contains epoxy constituents. May produce an allergic reaction. Contains Rosin, Phenolic resin. Substances that contribute to the classification: Hydrocarbons, C6, isoalkanes, <5% n-hexane (CAS 64742-49-0); Toluene (CAS 108-88-3); acetone (CAS 67-64-1); Ethyl acetate (CAS 141-78-6). Maximum V.O.C. content: 655,04 g/L (20 °C).
Information for persons with allergies is available at Poison Center +30 210 7793777 (Greece).

Disposal:
Collect product residues wherever possible and reuse. Do not allow the sewer system, bodies of water or the soil to enter. Plastic containers emptied or scraped clean and no longer dripping from any residues can be recycled. Containers with liquid residues as well as collected liquid product residues are special waste.