

Technical Data Sheet

PRODUCT NAME: SUNPRIME – 1025LF

Product Descriptions:

SUNPRIME-1025LF is a water-based specialty chemical used for various applications for flexible packaging applications including adhesion-promoters and primers.

Active Advantages:

- ❖ Improved adhesion on difficult substrates such as polyolefins
- ❖ Improves adhesion of radiation curing coatings when applied as a priming coating on polyolefin and metallic substrates
- ❖ Especially suitable for designing extrusion primer for multilayer laminates using PE and PP
- ❖ Suitable for use in both Gravure and Flexographic process

Basic Properties:

- ❖ Appearance: Transparent clear to slight whitish liquid
- ❖ Active content 25 ± 2%

Area of Application:

- ❖ Primers for Flexible Packaging
- ❖ General industrial primers
- ❖ Protective coatings
- ❖ Automotive specialty primers

Packing Size:

- ❖ 20kg - 100Kg Drum

Safety & Handling:

For safe handling must be follow instruction as under:

- ❖ It should be stored in cool and dry place sealed original pack.
- ❖ Avoid additives, contact with human body, wear gloves & mask during the handling the polymer lumps.
- ❖ In case of body contact carefully wash with acetone and alcohol, after that thoroughly clean with soap and water.
- ❖ In case of eye contact, wash with running water for about 15-20 minutes and treat under the supervision of medical officer only.

Storage Conditions:

- ❖ It should be stored in dry place temperature in between 4-40 centigrade in original barrel kept tightly closed
- ❖ Shelf Life: Six Months

Guideline formulation:

APPLICATION	INDICATIVE FORMULATION
EXTRUSION PRIMER	SUNPRIME-1025LF – 20.00 DM WATER – 80.00
ADSEHION PRIMER FOR UV COATINGS	SUNPRIME-1025LF – 2.00 DM WATER – 98.00 <i>Recommend using up to 25% alcoholic solvents if fast drying is required – alcohols should be added in combination of DM water to avoid solvent shocks</i>

Disclaimer: All suggestions for use of our recommended products cited here are based on the results of tests carried out in our R&D lab and correct to the best of our knowledge and belief. However, no legal liability can be accepted with respect of such information as we cannot control the application procedures adopted by our users. We suggest having a pilot trial for the users prior to full commercialization of this product.