

**Advance Sizing
Chemicals Niko-Bind,
Niko-Plast Nikosoft**



Nikunj Trading Co.

Off. : Near Gurudwara, Behind Indian Gas
Godown, BURHANPUR 450331 M.P.
e-mail : nikunjtrading7@rediffmail.com
website : www.nikunjtrading.in
M. 98264 73730, 83191 11190

NIKO-BIND

SUBJECT : DETAILS OF NIKO-BIND FOR TECHNICAL REQUIREMENTS

NIKO-BIND is designed to use in different type of climatic condition with poor humidity system. It has proven one of the best Indian Sizing & Process chemical for industry of BURHANPUR (M.P.). Also we have a client which are having international standard and they are big reputed fabric exporter of M.P. They are highly satisfied with our products and using it with all type machinery since very long time.

- * NIKO-BIND can be used as a replacement of PVA NIKO-BIND works as binder in sizing solutions. Hence no other binder requires.
- * Production quality is an advantage on PVA (e.g. supply quality of PVA can be differ time to time which directly effect to your quality)
- * PROPERTY OF NIKO-BIND WHITE COLOUR SEMI JELLY FORM, 30% SOLID CONTAIN 7 - PH

RECOMMEND RECIPE OF SIZE FOR 30-40-50 COUNT COTTON YARN,
WITH 7000 end AND 700 ppm AND MORE SPEED.

700 LITER OF WATER
100 KG. NIKO-PLAST
20 KG, OF NIKO-BIND AND 4 KG OF SOFTNER

Hope the above information will help you to understand our product. If you require any clarification please feel free to contact the undersign.

Warm regards,

Shailesh Desai
Proprietor
Nikunj Trading Co.



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MATERIAL SAFETY DATA SHEET

TRADE NAME : NIKO-BIND

Company : Nikunj Trading Co.
Off. : Near Gurudwara, Behind Indian Gas
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Emergency Information

Tele : 98264 73730, 83191 11190
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Website : www.nikunjtrading.in

2. Composition/Information on ingredient

Chemical nature : Acrylic Co-Polymer

3. Possible Hazards

Critical hazards to man and environment : NONE

4. First aid Measures

General advice : Remove contaminated clothing
In inhaled : Keep patient clam, remove to fresh air
On Skin Contact : Wash thoroughly with soap and water
On contact with : Wash affected eyes for at least 15 minutes
Eyes : under running water with eyelids help open,
Consult an eye specialist
On ingestion : Rene mouth and then drink plenty of water

5. Fire fighting measures

Suitable : Water spray, dry extinguishing media, foam
Extinguishing : carbon Dioxide (CO₂) Non-flammable and hence
Media : no fire hazard.

6. Accidental release measures

Personal Precaution : No special measures necessary
Environmental : Do not let product enter drains
Precautions
Methods for : Contain with absorbent material and dispose
Cleaning up : clean with water.



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7. Handling and storage

Handling

Protection : Ensure through ventilation of stores and work areas

Against fire & : No special measures necessary

Explosion

Storage : Keep tightly closed in a dry and coll place.

8. Exposure controls and personal protection personal protective equipment

Respiratory : Avoid breathing vapor

Protection

Hand protection : Protective gloves

Eye protection : Goggles

General safety : The usual precautions for the handling of

And hygiene chemical must be observed

Measures.

9. Physical and chemical properties

Form : Viscous paste

Colour : Milky of white

Ionic nature : Non ionic

Solid Content : 30.0 +/- 2.0%

Ignition temperature : N/A

Vapor Pressure : N/A

Explosion hazard : No explosion hazard

Solubility : Soluble in cold water at sstirring

PH value : Between 7.0 to 8.0

Viscosity : : N/A.

10. Stability and reactivity

Storage time : Max. 6 months

Hazardous : None provided product is correctly processed

Reaction



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NIKO SOFT

NIKO SOFT is specially designed softner by NIKUNJ TRADING CO. NIKO SOFT-100 is highly concentrated product which gives high value softening with very low amount of dosage. NIKO SOFT can be used with cotton, denim, polyester, polyester cotton, viscose blend yarn. High value softening improves flexibility of yarn which results in reduced dropping and improves abrasion resistance of warp yarns. It can be used with all kind of starches and binder as it is an organic product.

CHEMICAL DETAILS OF NIKO SOFT-100

- | | | |
|----------------------|---|-----------------------------|
| 1. Appearance | : | Milky white - viscous pate. |
| 2. Odor | : | Smell less |
| 3. Chemical type | : | Wax based. |
| 4. Solid content | : | 100%(+2%) |
| 5. PH | : | 7 |
| 6. Chemical reaction | : | No chemical reaction |

APPLICATION : NIKO SOFT is to be used with mixture of starch, binder and other additive while cooking or it can be added after cooking also.
Recommended dosage 1.5% to 2% on the basis of starch weight.

STORAGE : For best results this product must be used within 12 months of packing date and to be stored in cool & dry place. Also take precautions that carboy lid should be closed when not in use. Keep away from heat.



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MATERIAL SAFETY DATA SHEET

TRADE NAME : **NIKO SOFT**

Company : **Nikunj Trading Co.**
Off. : Near Gurudwara, Behind Indian Gas
Godown, BURHANPUR 450331 M.P.

Emergency Information

Tele : 98264 73730, 83191 11190
E-mail : nikunjtrading7@rediffmail.com
Website : www.nikunjtrading.in

2. Composition/Information on ingredient

Chemical nature : Non ionic softner

3. Possible Hazards

Critical hazards to man and environment : NONE

4. First aid Measures

General advice : Remove contaminated clothing
In inhaled : Keep patient clam, remove to fresh air
On Skin Contact : Wash thoroughly with soap and water
On contact with : Wash affected eyes for at least 15 minutes
Eyes : under running water with eyelids help open,
Consult an eye specialist.
On ingestion : Rene mouth and then drink plenty of water

5. Fire fighting measures

Suitable : Water spray, dry extinguishing media, foam
Extinguishing : carbon Dioxide (CO₂) Non-flammable and hence
Media : no fire hazard.

6. Accidental release measures

Personal Precaution : No special measures necessary
Environalmental : Do not let product enter drains
Precautions
Methods for : Contain with absorbent material and dispose
Cleaning up : clean with water.



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7. Handling and storage

Handling
Protection : Ensure through ventilation of stores and work areas
Against fire & Explosion : No special measures necessary
Storage : Keep tightly closed in a dry and coll place.

8. Exposure controls and personal protection personal protective equipment

Respiratory Protection : Avoid breathing vapor
Hand protection : Protective gloves
Eye protection : Goggles
General safety : The usual precautions for the handling of
And hygiene Measures. chemical must be observed

9. Physical and chemical properties

Form : Thick Paste
Colour : Creamy White Thick Paste
Flash Point : Above 70 C
Ignition temperature : N/A
Vapor Pressure : N/A
Explosion hazard : No explosion hazard
Solubility : Soluble in water
PH value : Between 6.0 to 9.0
Viscosity : 1.150 to 1.200 (desity).

10. Stability and reactivity

Storage time : Max. 6 months
Hazardous : None provided product is correctly processed
Reaction

11. Toxicological Information :

Storage time : Non-Toxic



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12. Ecological Information : Do not allowed material to be release to the
Enviroment.
NPEO FREE, TCP & PCP ABSENT.

Environmental Fate : Do not allowed material to be release in
open environment.

Environmental Toxicity : Non toxic.

13. Disposal Consideratio

Product : Must be dumped or incinerated in accordance
with local reulations
Contaminated : Uncontaminated packs can be re-used. Packs
that cannot be cleaned should be disposed of in
the same manner as th contents.

14. Transport Information : Clean and dry container.

15. Regulatory Information : No special information is available

16. Other Information

Nepa Ratings : Health : 0 Flammability : 0 Reactivity : 0

Lable Hazard Warning :

As a part of good indsutrial and personal hygiene and safety procedures, avoid all
unnecessary exposure to chemical substance and ensure prompt removal from skin, eyes, and
clothing.

Label precaution : None
Label First Aid : Not Applicable.
Revision Information : No Changes

The information contained herein above is based on the PS present stage of our
knowledge and not does not therefore guarantee certain properties Recipients of our product
must take responsibility for observing existing laws and regulation.

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NIKO-PLAST

Sizing Starch for Multiple Counts

Dear Sir ,

This is to inform you that we the Nikunj Group of Chemicals have started supplying NIKO-PLAST (One Short Starch) to cotton P/V and P/C since last one year .Now a days so many starch products are available in the market in different forms .We are not getting sometimes desired solids as per theoretical calculations. It's also fluctuating viscosity. We are not getting proper result in sizing and ultimately loosing production in loom shed . After long study NIKO-PLAST we introduce in the market and rectify the solutions. NIKO-PLAST is highly adhesive product based on starch with low fillers. So any type of size recipe will give result with surely . It gives perfect solids , viscosity ,flexibility to the yarn smooth coating no harsh feeling and covering the hairiness of the yarn . It gives high bonding to the yarn .

Looking to this all above matters many leading units are using this products. **This products benefits and gaining points are in the next page .**



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1. Product to this starch is remain thin paste (viscosity) to get more penetration in yarn.
2. This product is available as per required count such as coarse, fine and super fine count.
3. Product remains with consistency throughout the time company used.
4. We take special care for the preparation of this product and maintain moisture.
5. This product is basically prepared according 100% cotton carded, ring, ring spun, combed, semi combed and compact yarn.
6. Without any side effect it is easily cook during process and save fuel and electricity.
7. Viscosity of the chemical remains even till your sizing process complete..
8. Due to even viscosity we are getting even pick up in yarn and strength remain good.
9. After drying it is not dropping i.e. it properly bind with binders.
10. This product can sed with less csp yarn and after sizing in increase 25% to 30% strength of yarn.