

## **HB WAX -CW 8009**

### **BLEND OF SYNTHETIC AND NATURAL WAXES IN AQUOUS MEDIA**

#### **PHYSICAL SPECIFICATIONS:**

Appearance	: White viscous liquid
Solid Content	: 30 +/- 2 %
Ph	: 7 - 8
Film	: Soft
Ionicity	: Anionic
Solubility	: Soluble in water

#### **SPECIFIC PROPERTIES:**

- \* Produce excellent crunch effect
- \* In-combination with CO 7008 or NS 129, it gives good darkening and better crunch reflection.
- \* Uniform distribution property
- \* Ver good performance on roller coating
- \* Low grain formation property
- \* Smooth and waxy touch

#### **MODE OF APPLICATIONS:**

**HB WAX - CW 8009** is specially designed for crunch effect on the leathers in-combination OIL-NS129 and CO 7008 to obtain required darkening effect.

Can be applied by roller coating or in spray coating depending up on the effect required.

Dilution may vary 1:1 or 1:0.5 with water and 1X heavy spray,



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And for roller coater may apply without dilution. Then keep proper ageing and dry, then followed by plain plate at 100 deg. and 100 pressure.

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## HB OIL -CO 7008

### BLEND OF SELF EMULSIFIABLE SYNTHETIC OILS IN NON-IONIC NATURE

#### PHYSICAL SPECIFICATIONS:

Appearance	: Light yellowish clear liquid
Solid content	: 96 +/- 2 %
Ph	: 7 - 8
Ionicity	: Non Ionic
Solubility	: Soluble in organic solvent & water

#### SPECIFIC PROPERTIES:

- \* Uniform penetration and distribution property
- \* Produce excellent fullness and round feel to the leather
- \* Does not yield any adhesion problem
- \* Very good reactivity and re-polishing property
- \* Produce good pull up and crunch effect along with crunch wax
- \* High mechanical resistance
- \* Does not produce any oil patches

#### MODE OF APPLICATIONS:

**HB OIL -CO 7008** is a high-performance synthetic oil, designed for Pre-bottom coat to improve the mechanical resistance property.

It produces good darkening and uniform crunch effect along with the synthetic crunch wax.

Quantity may vary for crunch finish 30 - 50 gm with 100 part of wax  
And 1: 1 or 1: 3 with water can be spray for pre boots coat & 1-2 X spray.

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## HB PUR - RT 2090

### HIGH PERFORMANCE POLYURETHANE TOP IN AQUOUS MEDIA

#### PHYSICAL SPECIFICATION:

Appearance	: Translucent liquid
Solid	: 30 +/- 2%
PH	: 7- 8
Ionicity	: Anionic
Film	: Medium Soft
Solubility	: Soluble in water

#### SPECIFIC PROPERTIES:

- \* Transparent high gloss look
- \* High performance on roller coating
- \* Very good wet and dry fastness
- \* Smooth surface feel

#### MODE OF APPLICATIONS:

**HB PUR - RT 2090** is versatile polyurethane top coat specially designed for both roller coater and spray application.

It imparts excellent transparent high shine look to the leathers for smooth finish as well other article where high gloss look is required.

For roller coating can apply directly along with cross linker and for spray top can be diluted with water 1:1 or 1:1.5 and 2 X spray depending up on the required effect and look.

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## **HB CRYL - PR 308**

### **EMULSION OF HIGH-PERFORMANCE ACRYLIC POLYMERS**

#### **PHYSICAL SPECIFICATIONS :**

Appearance	: Whitish opec liquid
PH	: 7.5 -8.5
Solid content	: 32+ /- 2 %
Ionicity	: Anionic
Film	: M. Soft
Solubility	: Soluble in water

#### **SPECIFIC PROPERTIES:**

- \*Highly elastic film
- \*Excellent embossing property
- \*High print retention property
- \*Good Covering property
- \*Very good mechanical resistance
- \*Very good light fastness property
- \*Excellent adhesion property

#### **MODE OF APPLICATIONS:**

**HB CRYL - PR 308** is specially designed for print and embossing leather where very high retention property and mechanical resistance is required.

Very much suitable for printed shoe upper, bag and belting leather

Quantity may vary from 100 -200 gms/ltrs. Depending up on the desire effects and finish is required.

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## HB COMP - SC 888

### ANIONIC COMPOUND BASED ON ACRYLIC POLYMERS MODIFIED WITH SPECIAL ADDITIVES

#### SPECIFIC SPECIFICATIONS :

Appearance	: Whitish Viscous Liquid
PH	: 7 - 8
Solid Content	: 15 +/- 1 %
Ionicity	: Anionic
Film	: Soft - M.soft
Solubility	: Soluble in water

#### SPECIFIC PROPERTIES:

- \* Very good covering power
- \* Good adhesion property
- \* Uniform levelling with natural matt look
- \* Good mechanical stability
- \* Smooth surface touch
- \* Good behaviour on roller coating

#### MODE APPLICATIONS:

**HB CRYL - SC 888** is a versatile compound specially designed for lining leathers.

It can be a single products to be uses for lining finish suitable for goat, cow and sheep lining finishes .

To get a better mechanical stability can use along HB PUR -BC 889 or BC 809.

Quantity may vary from 150 -400 gm /ltrs. Depending up on the desire effects and finishing,

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## HB TEX - TC 510

### HIGH PERFORMANCE PLASTICISED MODIFIED PROTEIN EMULSION TOP

#### PHYSICAL SPECIFICATIONS :

Appearance	: Light beige viscous liquid (By ageing turns to brownish)
Solid content	: 13 +/- 1 %
PH	: 8-8.5
Film	: M. Soft
Ionicity	: Anionic
Solubility	: Soluble in water

#### SPECIFIC PROPERTIES:

- \*Rich and high gloss look
- \*Excellent heat resistance property
- \*Very good mechanical resistance
- \*Excellent polishing and glazing property
- \*Does not create any hardness on leather
- \*Silky and smooth surface touch.
- \*Excellent plate realising property

#### MODE OF APPLICATION:

**HB TEX -TC 510** is special type of medium soft protein top,  
Specially designed for polish and imitation look finishes.

Very much suitable for rich aniline finish for bag and shoe uppers.  
Imparts good dry fastness property while using as top along with **HB  
PUR - NP 3450 / 208**.

Quantity may vary form 50 - 200 gm/ltrs depending up on the effect  
and desired finish is required.

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## HB COMP - SC 927

### HIGH PERFORMANCE RESEIN POLYMERS BASE COMPOUND MODIFIED WITH VERY SPECIAL ADDITIVES

#### PHYSICAL SPECIFICATIONS :

Appearance	:Whitish viscous liquid
Solid Content	:27 +/-2 %
PH	:7- 8
Ionicity	: Anionic
Film Property	: Soft to M.soft
Solubility	: Soluble in water

#### SPECIFIC PROPERTIES:

- \* Can use alone for base coat
- \* High degree covering power
- \* Very good mechanical stability
- \* Very good lightfastness property
- \* Excellent performance on roller coating machine
- \* Strong adhesion property
- \* Very good embossing property
- \* Smooth surface touch
- \* Ver good flexibility

#### MODE OF APPLICATIONS:

**HB COMP - SC 927** is a versatile base coat compound, having very good covering power with very good embossing and print retention property without loading the grain.

Specially designed for full grain and corrected grain leather and suitable for shoe upper and bag leather finishes.

Quantity may vary form 100 - 400 gm /ltrs depending up on the desire effect and finish is required.

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## HB PUR - RT 2098

### HIGH PERFORMANCE ALIPHATIC POLYURETHANE TOP COAT IN AQUOUS MEDIA

#### PHYSICAL SPECIFICATIONS :

Appearance	: Translucent liquid
Solid Content	: 35 +/- 1 %
PH	: 7- 8
Ionicity	: Anionic
Film	: M.Soft
Solubility	: Soluble in water

#### SPECIFIC PROPERTIES:

- \* Transparent high gloss look
- \* Excellent behaviour on Roller coating
- \* Excellent wet and dry fastness
- \* Excellent mechanical resistance
- \* Smooth surface touch
- \* Very good light fastness

#### MODE OF APPLICATIONS:

**HB PUR - RT 2098** is specially designed for roller coating top coat for smooth finish, split belting where high gloss look is required .

It can also be recommended for spray top coat where high gloss look and good fastness is required, especially suitable for bag and Aniline finish shoe leathers.

Suggested application for Roller coater can apply direct with cross linker, and for spray can 1: 2 with water , 1-2 X spray depending up on the desired effect is required.

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## HB OIL - NS 128

### NON-IONIC SELF EMULSIFIABLE OIL BLENDED WITH NATURAL AND SYNTHETIC OILS AND SPECIAL ADDITIVES

#### PHYSICAL SPECIFICATIONS :

Appearance	: Light brownish liquid
Solid Content	: 100 + /- 1 %
Ionicity	: Non-Ionic
Solubility	: Soluble in water and organic solvent

#### SPECIFIC PROPERTIES:

- \* Produce excellent fullness and soft round feel to the crust
- \* Very good reactivity property
- \* High mechanical stability like polish and glaze
- \* Does not create any adhesion problem in finishing
- \* Uniform penetration and distribution property
- \* Produce very good crunch effect along with crunch wax
- \* Does not produce any patch on crust during finishing
- \* It can be used in drum as free oil to improve grain firmness  
And reactivity
- \* Improve grain flexibility

#### MODE OF APPLICATIONS:

**HB OIL - NS 128** is specially designed for bottom coat as pre finish for all kind of finishes.

**HB OIL -NS 128** is very much recommended for polish, glaze Aniline and semi aniline rich look bag and shoe upper leather finishes.

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Also produce excellent crunch effect along with **HB WAX - CW 8009**.

Also suitable for high veg crust to produce light pull up & vacata effect.

Quantity may vary from 1: 1 to 1:3 and 2X spray as well can spray direct depending up on the desired effect.

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## **BH BLACK -AC SUPER Conc.**

### **HIGH QUALITY CONCENTRATED LIQUID DYES IN ANIONIC NATURE**

#### **PHYSICAL SPECIFICATIONS :**

Physical constitution	: High grade metal complex solvent base dye mixed in organic solvent & aqua miscible
Ionicity	: Anionic
Solubility	: Soluble in water and organic solvent
Colours	: 10 different colours available

#### **SPECIFIC PROPERTIES :**

- \* Very strong in nature
- \* Excellent depth and covering
- \* High brilliancy with aesthetic appeal
- \* Uniform penetration & imparts desired shade
- \* Very good fixation property with rub fastness
- \* Excellent water drop resistance
- \* Excellent light fastness
- \* Eco-toxicological property

#### **MODE OF APPLICATIONS:**

**HB BLACK - AC SUPER Conc. (All colour)** are specially designed for main colouring ingredient for stain, base / seasion

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coat for all kind of leathers finishes where excellent covering, depth with brilliant look is required.

Easily miscible with each other to produce a desire shade.

Also, can be suitable for Suede and Nubuck leathers.

Quantity may vary 50 - 200 gm/litrs depending up on the Desire shade.

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## HB PUR - SC 899

### HIG PERFORMANCE COMPOUND BASED ON ALIPHATIC POLYURETHANE DISPERSION MODIFIED WITH SPECIAL ADDITIVES

#### PHYSICAL SPECIFICATIONS :

Appearance	: Milky whitish viscous liquid
Solid	: 25 +/- 2 %
PH	: 7 - 8
FILM	: M. Soft ,Matt film
Ionicity	: Anionic
Solubility	: Soluble in water

#### PHYSICAL SPECIFICATIONS :

- \*Excellent covering and levelling power
- \*Excellent adhesion property with matt look
- \*Excellent performance on roller coating
- \*Smooth surface touch
- \*High mechanical resistance
- \*Excellent flexibility

#### MODE OF APPLICATIONS :

**HB PUR -SC 899** is a versatile polyurethane compound specially designed for smooth and belting leather for CG & Split crust. High covering power with matte look.

It can also suitable for full grain shoe upper and bag leather where good covering and up gradation is required. Quantity may vary from 100 - 400 gm / litres depending up on the desired effect and

finish is required This information base on our present state of knowledge and without any obligation.

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## HB CRYL - SB 101

### EMULSION OF HIGH PERFORMANCE ACRYLIC POLYMERS

#### PHYSICAL SPECIFICATIONS :

Appearance	: Whites liquid
Solid Content	: 30 + /- 1 %
PH	: 7 - 8
Ionicity	: Anionic
Film	: Soft
Solubility	: Soluble in water

#### SPECIFIC PROPERTIES :

- \*Fine particle and thin elastic film
- \*Tack free film with good milling property
- \*Good lightfastness
- \*Very good levelling and covering power
- \*Excellent adhesion and mechanical resistance
- \*Very good cold crack resistance
- \*Very good plate releasing property

#### MODE OF APPLICATIONS :

**HB CRYL - SB 101** is high quality soft tack free acrylic co- polymers, specially designed for all king of leathers where soft elastic film and high mechanical resistance is required.

Especially suitable for softer type of leathers for both corrected and full grain leather.

Quantity may vary from 100 - 250 gm / litres depending up on the desire finish is required .

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## HB PUR - BC 700

### AQUOUS EMULSION OF ALIPHATIC POLYURETHANE IN ANIONIC NATURE

#### PHYSICAL SPECIFICATIONS :

Appearance	: Little whitish liquid
Solid Content	: 25 +/- 2%
PH	: 7 - 8
Film	: Soft Elastic film
Ionicity	: Anionic
Solubility	: Soluble in water

#### SPECIFIC PROPERTIES :

- \*Excellent covering and adhesion property
- \*Soft elastic and high milling property
- \*High mechanical resistance
- \*Very good lightfastness
- \*Smooth surface touch

#### MODE OF APPLICATIONS:

**HB PUR - BC 800** is a high-performance soft polyurethane binder specially designed for all kind of leathers.

It is suitable for both corrected grain and full grain bag shoe upper leather.

Quantity may vary from 100 - 250 gm / Litres depending up on the desire finish and effect is required.

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