



for leather, for you

SYNTAL SYSTEM
FINISHING

The background is a dark, textured surface composed of numerous small, dark grey, faceted geometric shapes. A bright, glowing orange-red light source is positioned in the center, creating a gradient of light across the scene. A prominent white diagonal line runs from the bottom right towards the center, intersecting the glowing area.

SYNTAL SYSTEM

SYNTAL SYSTEM



BEST COMBINATION
IN TOP COAT FORMULATIONS FOR:

STICK-SLIP

SYNTAL 1154/1 4%

SYNTAL 2251 3%

ABRASION

SYNTAL 45 CONC. 6%

SYNTAL 2251 1%

SYNTAL 1154/1

Characteristics

Appearance	White liquid
Total solids	About 30%
pH	Approx. 8
Charge	Non-ionic

Description

SYNTAL 1154/1 is a water emulsion silicone.

Properties

- Excellent abrasion resistance
- Small particle size
- Excellent wet and solvent rubbing fastness
- Outstanding light fastness

• **BTX FREE**

• **SOLVENT FREE**

Application

SYNTAL 1154/1 is suggested for the production of leathers with reduced emission of VOC and FOG.

Use

It is especially used in topcoat systems, 4-6%, requiring non-whitening after crockmeter test with ephtane (gasoline).

SYNTAL 1154/1 is stable and compatible with chemicals normally used in finishing.

Do not store below 5°C

Do not store above 40°C



The characteristics shown on this data sheet are only provided as a guide. Product specifications are available upon request.

COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =
= ISO 14001 =
= OHSAS 18001 =

SYNTAL 2251

Characteristics

Appearance	Transparent liquid
Total solids	About 50%
pH	Approx. 6
Charge	Non-ionic

Description

SYNTAL 2251 is a water emulsion silicone.

Properties

- Excellent Stick-Slip performance
- Excellent CoF (Coefficient of Friction) reduction
- Excellent solvent resistance
- High wet-rub resistance
- Good soiling and staining resistance

- **BTX FREE**

Application

SYNTAL 2251 is suggested for automotive topcoat where low CoF values are required (Stick-Slip test).

Use

It is generally thinned in water 1:1, then a water based topcoat, 2 to 10%, is added in order to improve general fastness features.

Do not store below 5°C

Do not store above 40°C



The characteristics shown on this data sheet are only provided as a guide. Product specifications are available upon request.

COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =
= ISO 14001 =
= OHSAS 18001 =

SYNTAL 2560

Characteristics

Appearance	Transparent liquid
Total solids	About 30%
pH	Approx. 8
Charge	Non-ionic

Description

SYNTAL 2560 is a water emulsion silicone.

Properties

- Excellent soil resistance
- Excellent solvent resistance

• **BTX FREE**

Application

SYNTAL 2560 is advised for automotive topcoat for soil and stain resistance.

Use

It is especially used in topcoat systems requiring nonwhitening after crockmeter test with gasoline.

Water based, solvent-free SYNTAL 2560 can be used as an additive, 4-6%, in the finishing process of leather providing unique properties to automotive and upholstery leather.

Do not store below 5°C

Do not store above 40°C



The characteristics shown on this data sheet are only provided as a guide. Product specifications are available upon request.

COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =
= ISO 14001 =
= OHSAS 18001 =

SYNTAL 45 CONC.

Characteristics

Appearance	White liquid
Total solids	About 60%
pH	Approx. 7,5
Charge	Non-ionic

Description

SYNTAL 45 CONC. is a water emulsion silicone.

Properties

- Outstanding abrasion resistance
- Excellent wet and sweat rubbing fastness
- Excellent gasoline resistance
- Excellent light fastness

• **BTX FREE**

• **SOLVENT FREE**

Application

SYNTAL 45 CONC. is a novel type of silicone emulsion, developed for automotive leather topcoat, with outstanding general characteristics.

Use

Used in leather finishing for car upholstery. It can be used in all types of 3 to 6% water-based finishing.

Do not store below 5°C

Do not store above 40°C



The characteristics shown on this data sheet are only provided as a guide. Product specifications are available upon request.

COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =
= ISO 14001 =
= OHSAS 18001 =

SYNTAL SYSTEM

BEST COMBINATION
IN TOP COAT FORMULATIONS FOR:

GASOLINE

SYNTAL 1154/1 5%

SYNTAL 2560 5%

or

SYNTAL 45 CONC. 3%

SYNTAL 2560 5%

SOILING/STAINING

SYNTAL 2560 5%

SYNTAL 2251 2-3%

SYNTAL 45 CONC. 2%

GSC GROUP SPA

- ◆ COMPLETE OFFER OF CHEMICAL SOLUTIONS FOR LEATHER PRODUCTION
- ◆ HIGH-QUALITY PRODUCTION
- ◆ OUTSTANDING EXPERTISE IN TECHNICAL ASSISTANCE FOR THE TANNING INDUSTRY



Via dell'Industria, 5 36054 Montebello Vic.no (Vi)
Italy

Tel. +39 0444 670949 - 671061
Fax +39 0444 670321

info@gscspa.it
www.gscspa.com