



Multiprogram  Navigator



Caring about the differences!

Multiprogram Navigator è il manuale che ti guida in modo facile ed intuitivo verso l'utilizzo corretto della gamma di **Induritori UHS, Induritori HS e Diluenti in combinazione con Trasparenti, Finiture lucido diretto e Fondi 2K**.

Una **guida** suddivisa per codice prodotto dove per ciascuno sono indicate **tipologia e quantità di Induritori e Diluenti utilizzabili**, per una **scelta rapida e sicura**.

Multiprogram Navigator fa parte di **Multiprogram** il progetto di razionalizzazione di **Induritori e Diluenti** che permette l'utilizzo alternativo di **Induritori UHS o HS** mantenendo inalterate le caratteristiche prestazionali dei prodotti e garantendone il rispetto dei valori di **VOC** sotto la soglia definita dalla normativa **2004/42/CE**. Per ulteriori e più approfondite informazioni tecniche su ciascun prodotto, è consigliata la consultazione delle relative **Schede Tecniche** pubblicate sul sito web **www.lechler.eu**.

Multiprogram Navigator is the handbook showing you an easy and quick way to utilise the range of **UHS hardeners**, **HS hardeners** and **thinners** in combination with **clearcoats**, **direct gloss topcoats** and **2K fillers**.

This handbook is divided into different product codes and for each product the **type** and the **quantity** of usable **hardeners** and **thinners** are indicated, allowing a quick and safe choice.

Multiprogram Navigator is part of **Multiprogram**, the rationalising project of hardeners and thinners, that allows the alternative use of **UHS** or **HS hardeners** and keeps unaltered the product performance characteristics.

This also guarantees observance of the **VOC** values under the threshold defined by the directive **2004/42/EC**.

For further and more in depth technical information of each product, please consult the dedicated **Technical Data Sheets**, which are also available, and always updated, on our web site **www.lechler.eu**.

Multiprogram Navigator est le manuel qui t'oriente de façon facile et intuitive vers un emploi correct de la gamme de **durcisseurs UHS, durcisseurs HS** et **diluants** en combinaison avec des **verniss, finitions à brillant direct** et **apprêts 2K**.

Ce manuel est subdivisé en différents codes produits pour lesquels sont indiquées la **typologie** et la **quantité** de **durcisseurs** et **diluants** utilisables, permettant un choix rapide et sûr.

Multiprogram Navigator fait partie de **Multiprogram**, le projet de rationalisation des **durcisseurs** et des **diluants**, qui permet l'emploi alternatif de durcisseurs **UHS** ou **HS** tout en maintenant inaltérées les caractéristiques de prestation des produits et en garantissant le respect des valeurs de **COV** inférieures aux limites définies par la directive **2004/42/CE**.

Pour plus d'informations techniques sur chacun de nos produits, veuillez consulter la **Fiche Technique** relative, dont la version mise à jour est disponible à travers notre site WEB **www.lechler.eu**.



Der **Multiprogram Navigator** ist die Anleitung zum korrekten und einfachen Einsatz von **UHS Härtern**, **HS Härtern** und Verdünnern in Kombination mit **Klarlacken**, **Direktglanzdecklackierungen** und **2K Füllern**. Der Multiprogram Navigator gewährleistet somit den sicheren und korrekten Einsatz der Produkte.

Dieses Handbuch ist nach den verschiedenen Produktcodes unterteilt. Für jeden Code sind **Art** und **Menge** der einsetzbaren **Härter** und **Verdünner** für eine schnelle und sichere Auswahl angegeben.

Multiprogram Navigator ist Teil des **Multiprogram**, das die Rationalisierung von **Härtern** und **Verdünnern** zum Ziel hat. Der alternative Einsatz von **UHS** oder **HS Härtern** bei gleichbleibenden Produkteigenschaften und Performance wird somit ermöglicht. Ebenso wird die Einhaltung der durch die europäische Richtlinie **2004/42/CE** festgelegten **VOC**-Grenzen gewährleistet.

Weiterführende technische Informationen finden Sie in den jeweiligen **technischen Merkblättern** unserer Produkte. Die aktuelle Version finden Sie auf unserer Homepage www.lechler.eu.

Multiprogram Navigator es el manual que te guía en forma fácil e intuitiva a un correcto uso de la gama de **catalizadores UHS, catalizadores HS y disolventes** en combinación con **barnices, acabados brillante directo y fondos 2K**.

Esta guía está subdividida en los diferentes códigos de productos y para cada uno de ellos se indica la **tipología** y la **cantidad** de **catalizadores y disolventes** utilizables para una elección rápida y segura.

Multiprogram Navigator hace parte de **Multiprogram**, el proyecto de racionalización de catalizadores y disolventes que permite el empleo alternativo de **catalizadores UHS o HS** manteniendo inalteradas las características de prestación de los productos y garantizando en todo caso el respeto de los valores de **VOC** por debajo del límite definido por la directiva **2004/42/CE**.

Para más información técnica de cada producto consulte la **Ficha Técnica** que está disponible y siempre actualizada, en nuestra página WEB **www.lechler.eu**.

O **Multiprogram Navigator** é o manual que auxilia você de maneira fácil e intuitiva para o uso correto da gama dos **Endurecedores UHS, Endurecedores HS e Diluentes** em combinação com **Transparentes, Acabamentos com brilho direto e fundos 2K**.

Um manual dividido por código de produto, no qual para cada um é indicado o **tipo e quantidade de endurecedores** que podem ser utilizados, para uma escolha rápida e segura.

O **Multiprogram Navigator** faz parte do **Multiprogram**, um projeto de racionalização de Endurecedores e Diluentes que permite o uso alternativo de **endurecedores UHS ou HS**, mantendo inalteradas as características de desempenho dos produtos e garantindo a conformidade com os valores de **VOC** de acordo com a normativa **2004/42/CE**.

Para obter informações técnicas mais detalhadas sobre o produto, recomenda-se consultar as **Fichas Técnicas** publicadas no site **www.lechler.eu**.

UHS Hardener - Induritori UHS

HS Hardener - Induritori HS

Thinners - Diluenti

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UHS Hardener - Induritori UHS

code
codice

description
descrizione

characteristic
caratteristica



MH 100

MACROFAN UHS SLOW HARDENER

SLOW / LENTO

MH 110

MACROFAN UHS HARDENER

STANDARD

MH 115

MACROFAN UHS FAST HARDENER

FAST / RAPIDO

MH 120

MACROFAN UHS SPOT REPAIRS HARDENER

EXTRA FAST / MOLTO RAPIDO



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HS Hardener - Induritori HS

<i>code</i> codice	<i>description</i> descrizione	<i>characteristic</i> caratteristica
00379	HS SLOW HARDENER	SLOW / LENTO
00362	HS STANDARD HARDENER	STANDARD
00327	HS HARDENER SPEEDY	MEDIUM - FAST / RAPIDO
00174	HS EXTRA FAST HARDENER	FAST / RAPIDO



Thinners - Diluenti

<i>code</i> codice	<i>description</i> descrizione	<i>characteristic</i> caratteristica
00755	AUTOREFINISHING SLOW THINNER	SLOW / LENTO
00742	AUTOREFINISHING STANDARD-SLOW THINNER	STANDARD - SLOW / LENTO
00741	AUTOREFINISHING MEDIUM-SPEEDY THINNER	MEDIUM - FAST / RAPIDO
00740	AUTOREFINISHING SPEEDY THINNER	FAST / RAPIDO



MC 404 MACROFAN AVANTAGE UHS CLEARCOAT

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



INDURITORI UHS *UHS HARDENER*

50%	MH 110
	MH 115
	MH 120

DILUENTI *THINNER*

10-20%	00740
	00741
	00742
	00755

HT PROCESS

50%	MH 404
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25%	MT 404
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MC 405 MACROFAN POWER UHS CLEARCOAT

MAC 405

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



INDURITORI UHS
UHS HARDENER

50%	MH 100
	MH 110
	MH 115
	MH 120

DILUENTI
THINNER

10-15%	00740
	00741
	00742
	00755

POWER PROCESS

50%	MH 120
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15%	MT 405
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MC 420 MACROFAN UHS CLEARCOAT

MAC 420

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



INDURITORI UHS
UHS HARDENER

50%	MH 100
	MH 110
	MH 115

DILUENTI
THINNER

0-5%	00741
	00742
	00755

MC 421 MACROFAN PLUS UHS CLEARCOAT

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT

MAC 421



INDURITORI UHS
UHS HARDENER

50%	MH 100
	MH 110
	MH 115
	MH 120

DILUENTI
THINNER

0-5%	00740
	00741
	00742
	00755

MC 450 MACROFAN AUTOGUARD UHS CLEARCOAT

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



MAC 450

INDURITORI UHS
UHS HARDENER

50%	MH 100
	MH 110
	MH 115
	MH 120

DILUENTI
THINNER

0-5%	00741
	00742
	00755

09890 MACROFAN HS 2000 MATT CLEARCOAT

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



09890

INDURITORI UHS
UHS HARDENER

15%	MH 100
	MH 110
	MH 115

DILUENTI
THINNER

25-35%	00740
	00741
	00742
	00755

INDURITORI HS
UHS HARDENER

25%	00379
	00362
	00174

DILUENTI
THINNER

30-35%	00740
	00741
	00742
	00755

09896 MACROFAN HS 2000 SAT CLEARCOAT

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



INDURITORI UHS UHS HARDENER

15%	MH 100
	MH 110
	MH 115

DILUENTI THINNER

25-35%	00740
	00741
	00742
	00755

09896

INDURITORI HS UHS HARDENER

25%	00379
	00362
	00174

DILUENTI THINNER

30-35%	00740
	00741
	00742
	00755

MAC 1 MACROFAN MS TOP COAT

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



INDURITORI UHS
UHS HARDENER

50%	00379
	00362
	00174

DILUENTI
THINNER

15-30%	00740
	00741
	00742
	00755

MAC 1

MAC 14 MACROFAN MATT TOP COAT

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



INDURITORI UHS
UHS HARDENER

20%	MH 100
	MH 110
	MH 115
	MH 120

DILUENTI
THINNER

20-25%	00740
	00741
	00742
	00755

MAC 14

INDURITORI HS
UHS HARDENER

25%	00379
	00362
	00327
	00174

DILUENTI
THINNER

20-25%	00740
	00741
	00742
	00755

MAC 15 MACROFAN FINE TEXTURE TOP COAT

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



INDURITORI UHS
UHS HARDENER

20%	MH 100
	MH 110
	MH 115
	MH 120

DILUENTI
THINNER

15-20%	00740
	00741
	00742
	00755

MAC 15

INDURITORI HS
UHS HARDENER

25%	00379
	00362
	00327
	00174

DILUENTI
THINNER

15-20%	00740
	00741
	00742
	00755

MAC 16 MACROFAN TEXTURE TOP COAT

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



INDURITORI UHS
UHS HARDENER

20%	MH 100
	MH 110
	MH 115
	MH 120

DILUENTI
THINNER

15-20%	00740
	00741
	00742
	00755

MAC 16

INDURITORI HS
UHS HARDENER

25%	00379
	00362
	00327
	00174

DILUENTI
THINNER

15-20%	00740
	00741
	00742
	00755

MAC 41 MACROFAN PW UHS TOP COAT

RAPPORTI DI MISCELAZIONE A **VOLUME**
MIXING RATIO BY **VOLUME**



INDURITORI UHS
UHS HARDENER

60%	MH 100
	MH 110
	MH 115
	MH 120

DILUENTI
THINNER

10-15%	00740
	00741
	00742
	00755

MAC 41

04001-004-007-109 GREEN TI FILLER (White-Grey-Dark Grey-Green)

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



INDURITORI UHS
UHS HARDENER

13%	MH 100
	MH 110
	MH 115
	MH 120

DILUENTI
THINNER

10-20%	00740
	00741
	00742
	00755

INDURITORI HS
UHS HARDENER

13%	00362
	00174
	00209
	00109

DILUENTI
THINNER

10-20%	00740
	00741
	00742
	00755

04001-004-007-109

MAC 6 MACROFAN HS GREEN-TECH COLOR FILLER MF 602-06-10 MACROFAN HS GREEN-TECH HS FILLER

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



INDURITORI UHS
UHS HARDENER

13%	MH 100
	MH 110
	MH 115
	MH 120

DILUENTI
THINNER

10-20%	00740
	00741
	00742
	00755

POWER PROCESS

33%	MH 600
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27%	MT 600
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MAC 6
MF 602-06-10

MAC 9 MACROFAN HS COLOR UNDERCOAT 04122 HIGARD SEALER

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



INDURITORI UHS
UHS HARDENER

30%	MH 100
	MH 110
	MH 115
	MH 120

DILUENTI
THINNER

20-25%	00740
	00741
	00742
	00755

INDURITORI HS
UHS HARDENER

40%	00362
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DILUENTI
THINNER

25-30%	00740
	00741
	00742
	00755

MAC 9
04122

MAC 71 MACROFAN HS COLOR HIGH FILLER 04702-06-10 MACROFAN HS HIGHT FILLER

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



INDURITORI UHS
UHS HARDENER

16%	MH 100
	MH 110
	MH 115
	MH 120

DILUENTI
THINNER

10-15%	00740
	00741
	00742
	00755

INDURITORI HS
UHS HARDENER

16%	00379
	00362
	00174

DILUENTI
THINNER

10-20%	00740
	00741
	00742
	00755

MAC 71
04702-06-10

MAC 81 MACROFAN AP COLOR AUTOLEVEL PRIMER MF302-06-10 MACROFAN AP AUTOLEVEL PRIMER

RAPPORTI DI MISCELAZIONE IN PESO
MIXING RATIO BY WEIGHT



INDURITORI UHS
UHS HARDENER

11%	MH 100
	MH 110
	MH 115
	MH 120

DILUENTI
THINNER

d/d or s/s	00740
10-20%	00741
w/w or b/b	00742
25-30%	00755

PLASTIC PROCESS

18%	MH 300
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50%	MT 300
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