



Silicones for Personal Care

Personal care

Personal Care Product Range



揮發性矽油	<i>Volatile Fluids</i>
二甲基矽油	<i>Dimethicones</i>
苯基改性矽油	<i>Phenyl Modified Fluids</i>
複合液體聚合物	<i>Polymer Fluid Blends</i>
聚醚改性矽油	<i>Dimethicone Copolyols</i>
矽彈性體	<i>Silicone Crosspolymers</i>
乳化矽油	<i>Silicone Emulsions</i>
矽樹脂	<i>Silicone Resins</i>

揮發性矽油Volatile Fluids

- 在皮膚上揮發
Volatile on skin
- 揮發時,賦予絲柔,輕爽膚感,無殘留或聚積
Upon evaporation, impart soft, dry velvety feel, no residue or build up
- 彩妝: 在顏料分散液中作為揮發性載體
Make up: Volatile carrier in pigment dispersions
- 氣霧劑: 取代有機溶劑
Aerosol: Replacement for organic solvent
 - 降低黏膩感
Reduce stickiness
 - 不堵塞噴嘴
Non clogging of nozzles
 - 揮發時沒有涼感
No cooling effect on evaporation
- 棒狀產品: 不發粘,易於塗抹
Stick: Non tacky, apply without drag
- 防曬產品: 活性物的溶劑,微粒化氧化物的分散助劑
Sunscreen: Solvent for actives, and dispersing aid for micronized oxides
- 乳液: 絲柔,順滑的手感,帶來獨特的膚感
Emulsion: Soft, smooth feel and pleasant application with a unique skin feel

揮發性矽油 Volatile Fluids

環狀 Cyclics

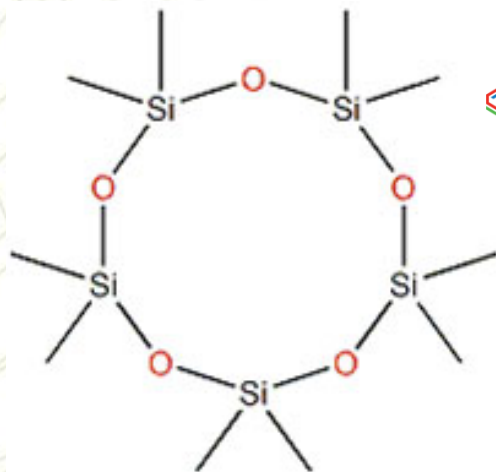
BRB CM 40 - 環四聚二甲基矽氧烷
Cyclotetrasiloxane

BRB CM 50 - 環五聚二甲基矽氧烷
Cyclopentasiloxane

BRB CM 60 - 環己矽氧烷
Cyclohexasiloxane

BRB CM 45 - 環四聚二甲基矽氧烷 (和) 環五聚二甲基矽氧烷
Cyclotetrasiloxane (and) Cyclopentasiloxane

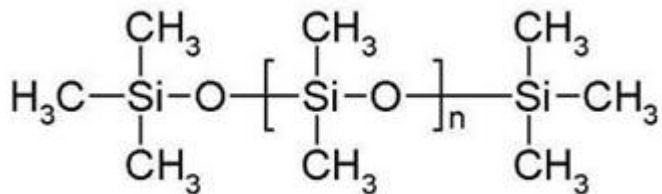
BRB CM 56-S - 環五聚二甲基矽氧烷 (和) 環己矽氧烷
Cyclopentasiloxane (and) Cyclohexasiloxane



揮發性矽油 Volatile Fluids







直鏈 *Linears*

- ◊ **DM 0.65** -二矽氧烷 Disiloxane
- ◊ **DM 1** -三矽氧烷 Trisiloxane
- ◊ **DM 1.5** -聚二甲基矽氧烷 Dimethicone
- ◊ **BRB 1417** -聚二甲基矽氧烷(和)三矽氧烷 Dimethicone (and) trisiloxane
- ◊ **DM 2** -聚二甲基矽氧烷 Dimethicone
- ◊ **DM 55** -聚二甲基矽氧烷 (替換環五聚二甲基矽氧烷)
 Dimethicone (alternative to Cyclopentasiloxane)
- ◊ **DM 66** -聚二甲基矽氧烷 (替換環五聚二甲基矽氧烷 (和) 環己矽氧烷)
 Dimethicone (alternative to Cyclopentasiloxane (and) Cyclohexasiloxane)








聚二甲基矽氧烷 Dimethicones

BRB DM液體 - 聚二甲基矽氧烷 5 to 100.000 cSt
Dimethicone 5 to 100.000 cSt

-  傑出的滋潤度和柔軟感
Outstanding emolliency and soft feel
-  不易揮發
Non Volatile
-  卓越的鋪展性
Excellent spreadability
-  低黏度聚二甲基矽氧烷 (5 - 20 cSt): 易與有機原料混溶
護膚品, 止汗產品 & 除臭產品, 防曬產品, 護髮產品和彩妝
Low viscosity dimethicones (5 - 20 cSt): miscible in organic ingredients
Skin Care, Antiperspirant & Deodorants, Sun Care, Hair Care and Color Cosmetics
-  中黏度聚二甲基矽氧烷 (50 - 1.000 cSt): 作為油相添加
護膚品, 止汗產品 & 除臭產品, 防曬產品, 護髮產品和彩妝
Middle viscosity dimethicones (50 - 1.000 cSt): as oil additive
Skin Care, Antiperspirant & Deodorants, Sun Care, Hair Care and Color Cosmetics
-  高黏度聚二甲基矽氧烷 (60.000 - 100.000 cSt):
護髮產品中優異的調理劑
High viscosity dimethicones (60.000 - 100.000 cSt):
Exceptional conditioning agents in Hair Care products



混合矽油 Gum Blends

-  **BRB 1755** -環四聚二甲基矽氧烷 (和) 環五聚二甲基矽氧烷(和) 聚二甲基矽氧烷醇
Cyclotetrasiloxane (and)Cyclopentasiloxane (and) Dimethiconol
-  **BRB 1834, 1855** -環五聚二甲基矽氧烷 (和) 聚二甲基矽氧烷醇
Cyclopentasiloxane(and) Dimethiconol
-  **BRB 1857** -聚二甲基矽氧烷 (和) 聚二甲基矽氧烷醇
Dimethicone (and) Dimethiconol
-  **可按客戶需求定制**
Custom made on request
-  **應用** 身體和皮膚護理,止汗產品和除臭產品,防曬產品,彩妝和護髮產品
Body & Skin Care, Antiperspirant & Deodorants,
Sunscreen Products, Color Cosmetic and Hair Care




混合矽油Gum Blends

- ❖ 賦予肌膚滋潤感,提供奢華絲滑的膚感
Impart emollience to skin, providing lubricious and silky feel
- ❖ 提高配方的鋪展性能
Give spreadability to any kind of formula
- ❖ 提供透氣的、但皮膚不長粉刺的阻隔塗層
Provide a breathable non-comedogenic protection barrier
- ❖ 提高表面親和力,幫助配方中的其他活性成分的搭配
Improve substantivity on surface, helping to fix other actives
- ❖ 持久的效果
Long lasting effect
- ❖ 在皮膚和頭髮提供抗水層, 形成非封閉性的膜
Water resistance supply on skin and hair, with non-occlusive film
- ❖ 極好的頭髮調理效果, 增加頭髮光澤
Yield shine and high conditioning effect on hair




苯基改性矽油 Phenyl Modified Fluid


 **BRB PTM 20 -** 苯基聚三甲基矽氧烷
Phenyl Trimethicone

 高折射率賦予產品光澤度


High refractive Index which imparts gloss

 和很多有機原料有很好的溶解性和相容性

Good solubility or compatibility with many organic ingredients

 卓越的潤膚性，降低黏膩感

Excellent emolliency and reduced tackiness


 廣泛應用於彩妝、護髮、護膚和防曬產品中


Widely used in Color Cosmetics, Hair Care, Skin Care and Sunscreens



苯基混合矽油

Phenyl Blend Fluid


 **BRB PB 152** -三甲基五苯基三矽氧烷 (和)二苯基甲矽烷氧基苯基聚三甲基矽氧烷
(和) 辛基聚三甲基矽氧烷
Trimethyl Pentaphenyl Trisiloxane (and) Diphenylsiloxyl Phenyl
Trimethicone (and) Caprylyl Methicone

 高折射率 (RI = 1.52)


High refractive Index (RI= 1.52)

 提供高光澤

Provide high glossiness

 卓越的潤膚性，降低黏膩感

Excellent emolliency and reduced tackiness

 廣泛應用於彩妝、護髮、護膚和防曬產品中

Widely used in Color Cosmetics, Hair Care, Skin Care and Sunscreens




聚醚改性矽油 Dimethicone Copolyols


-  BRB 523 - PEG/PPG-18/18聚二甲基矽氧烷
PEG/PPG-18/18 Dimethicone
-  BRB 526 - PEG-12聚二甲基矽氧烷
PEG-12 Dimethicone
-  BRB 6373 - 環五聚二甲基矽氧烷 (和) PEG/PPG-18/18聚二甲基矽氧烷
Cyclopentasiloxane (and) PEG/PPG-18/18 Dimethicone
-  BRB 6341 - PEG-10聚二甲基矽氧烷
PEG-10 Dimethicone
-  BRB 423 - 鯨蠟基 PEG/PPG-10/1聚二甲基矽氧烷
Cetyl PEG/PPG-10/1 Dimethicone

 可作為潤濕劑、乳化劑


Acts as wetting agent, emulsifier

 和大部分化妝品原料相容

Compatible with a wide range of cosmetic ingredients

 護髮產品：調理頭髮並毫無油膩感

Hair Care: Conditioning agent and superior non-oily feel

 護膚品和彩妝產品：調製不易產生粉刺，輕質、高雅膚感的乳狀液

Skin Care & Color Cosmetics : Create non-comedogenic, light feel emulsions with elegant sensory



INCI 名称	PEG/PPG-18/18 聚二甲基硅氧烷	PEG-12 聚二甲基 硅氧烷	PEG-10 聚二甲基硅 氧烷	环五聚二甲基硅 氧烷(和) PEG/PPG-18/18 聚二甲基硅氧烷	鲸蜡基 PEG/PPG-10/1 聚二甲基硅氧烷
乳化剂类型	W/Si 助乳化剂	Si/W 乳化剂	W/Si ,W/Si+O乳化剂 W/Si+O 助乳化剂	W/Si 乳化剂	W/Si ,W/Si+O乳化剂 W/Si+O 助乳化剂
质感	轻质乳状液	白色乳状液，啫喱 状半透明霜	流动型乳状液	多种质感： 白色 & 透明乳状 液、乳液、霜状 液和啫喱状的霜	多种质感： 白色 & 透明乳状液、乳 液、霜状液和啫喱霜
粘度 (25°C)	2000cSt	300cSt	600cSt	30cSt	1250cSt
HLB	8	13	4.5	2	5
兼容性	水，水醇体系	水，水醇体系	异十二烷，酒精，脂 类，UV吸收剂，硅	异十二烷，酒 精，脂类，硅	异十二烷，酒精，植物 油，UV吸收剂，黄油， 脂类，硅
加入何相	水相	水相	油/硅 相	硅相	油/硅 相
冷配	不可以	可以	可以	可以	可以
可乳化油相的 量	-	最多20%	最多30%	最多30%	最多30%
用量	1%-3%	4%	2%-8%	7%-10%	1.5%-3%
护肤产品	x	x	x	x	x
防晒产品			x	x	x
护发产品	x	x		x	x
彩妆			x	x	x



BRB 523

BRB 526

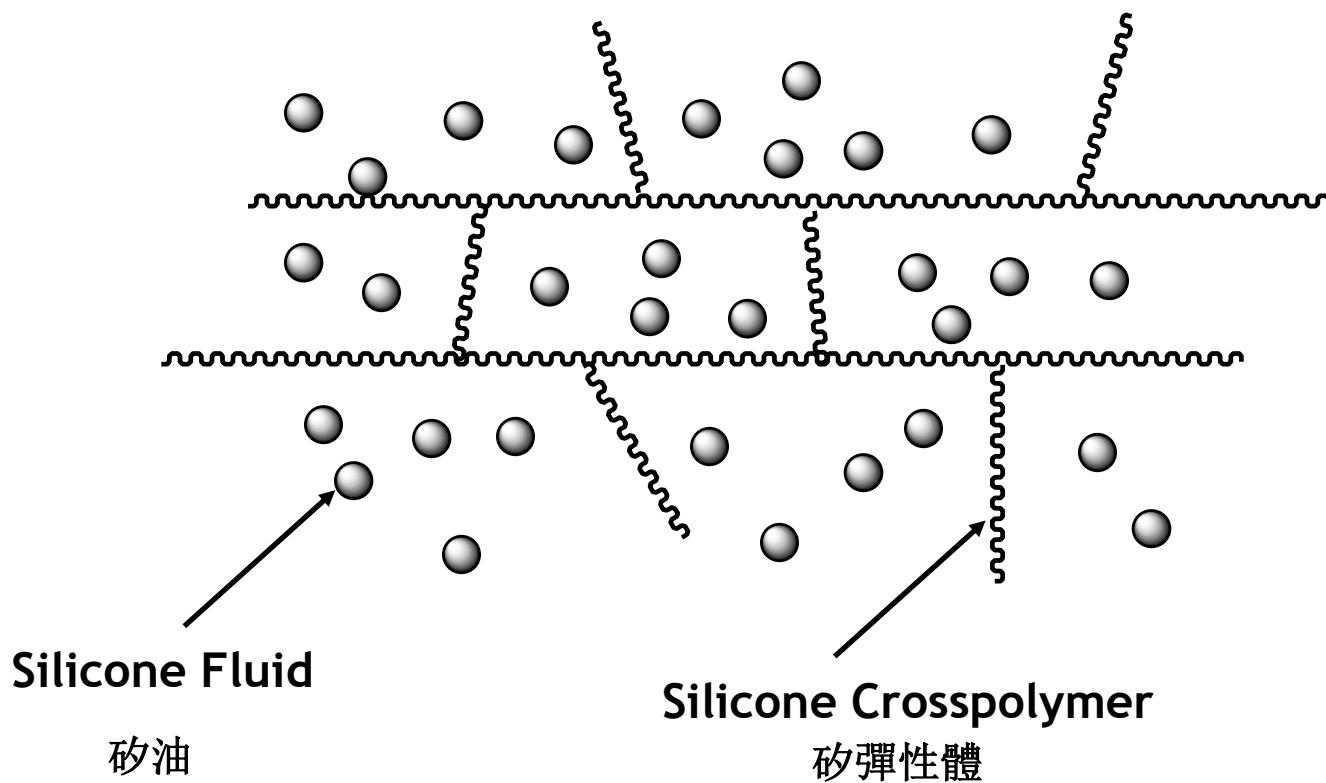
BRB 6341

BRB 6373

BRB 423

INCI Name	PEG/PPG-18/18 Dimethicone	PEG-12 Dimethicone	PEG-10 Dimethicone	Cyclopentasiloxane (and) PEG/PPG-18/18 Dimethicone	Cetyl PEG/PPG-10/1 Dimethicone
Emulsion	Co-emulsifier W/Si	Emulsifier Si/W	Emulsifier W/Si, W/Si+O Co-emulsifier W/Si+O	Emulsifier W/Si	Emulsifier W/Si, W/Si+O Co-emulsifier W/Si+O
Texture	Light emulsions	White emulsions, Gel-cream translucent emulsions	Fluid Emulsions	Versatility of textures: white & transparent emulsions, lotions, creamy emulsions, gel-creams	Versatility of textures: white & transparent emulsions, lotions, creamy emulsions, gel-creams. Richer emulsions
Viscosity (25°C)	2000 cSt	300 cSt	600 cSt	30 cSt	1250 cSt
HLB	8	13	4,5	2	5
Compatibility	Water, hydroalcoholic systems	Water, hydroalcoholic systems	Isododecane, ethanol, esters, UV filters, silicones.	Isododecane, ethanol, esters, silicones.	Isododecane, ethanol, vegetal oils, UV filters, butters, esters, silicones.
Where to add the emulsifier ?	Water phase	Water phase	Oil/silicone phase	Silicone phase	Oil/silicone phase
Cold process	No	Yes	Yes	Yes	Yes
Oil phase to emulsify	-	Up to 20%	Up to 30%	Up to 30%	Up to 30%
Use level	1 - 3 %	4%	2 - 8 %	7 - 10 %	1,5 - 3 %
Skin Care	x	x	x	x	x
Sun Care			x	x	x
Hair Care	x	x		x	x
Make-up			x	x	x

矽彈性體Silicone Crosspolymer



矽彈性體 Silicone Crosspolymer

透明到半透明的有機矽交聯彈性體凝膠

Clear to slightly translucent cross-linked silicone elastomer gel

這些產品專為奢華膚感的配方而設計

These products are specifically designed to provide luxurious feel as well as maintaining the back up of your formulation

BRB SG128

環五聚二甲基矽氧烷(和)聚二甲基矽氧烷/乙烯基聚二甲基矽氧烷交聯聚合物
Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer

BRB SG528

聚二甲基矽氧烷 (和)聚二甲基矽氧烷/乙烯基聚二甲基矽氧烷交聯聚合物
Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer

BRB SG211

環五聚二甲基矽氧烷(和)聚二甲基矽氧烷/乙烯基聚二甲基矽氧烷交聯聚合物
Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer

BRB SG250

聚二甲基矽氧烷 (和)聚二甲基矽氧烷/乙烯基聚二甲基矽氧烷交聯聚合物
Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer

BRB SG350

聚二甲基矽氧烷(和)聚二甲基矽氧烷/PEG-10/15交聯聚合物
Dimethicone (and) Dimethicone/PEG-10/15 Crosspolymer



矽彈性體 Silicone Crosspolymer

- ❖ 賦予卓越的膚感:柔滑,輕盈,絲滑,不油膩和粉質感

Impart superior sensory feel : smoothness, light, silky, non-greasy and powdery touch

- ❖ 可冷配並且容易製作配方

Cold Processable and Easy to formulate

- ❖ 降低配方的黏膩感

Reduce tackiness of formulation

- ❖ 可作為增稠劑, 增加配方的穩定性

Acts as thickening agent, improving formula stability

- ❖ 提供持久的效果

Provide long-lasting effect

- ❖ 應用 : 護膚產品, 護髮產品, 止汗產品 & 除臭產品, 彩妝, 防曬產品和定型產品

Applications : Skin Care, Hair Care, Antiperspirant & Deodorants, Color Cosmetics, Sunscreens and styling products



	單位	BRB SG 128	BRB SG 528
INCI名稱		環五聚二甲基矽氧烷(和)聚二甲基矽氧烷/乙烯基聚二甲基矽氧烷交聯聚合物	聚二甲基矽氧烷(和)聚二甲基矽氧烷/乙烯基聚二甲基矽氧烷交聯聚合物
外觀		無色半透明凝膠	無色半透明凝膠
氣味		無味	無味
折光率		1.401	1.401
粘度 (25°C)	mPa.s	80,000	130,000
聚合物含量	%	18	25
	單位	BRB SG 211	BRB SG 250
INCI名稱		環五聚二甲基矽氧烷(和)聚二甲基矽氧烷/乙烯基聚二甲基矽氧烷交聯聚合物	聚二甲基矽氧烷(和)聚二甲基矽氧烷/乙烯基聚二甲基矽氧烷交聯聚合物
外觀		無色半透明凝膠	無色半透明凝膠
氣味		無味	無味
折光率		1.402	1.402
粘度 (25°C)	mPa.s	350,000	400,000
聚合物含量	%	14	25

	Unit	BRB SG 128	BRB SG 528
INCI		Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer	Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer
Appearance		Colourless translucent gel	Colourless translucent gel
Odour		Odourless	Odourless
Refractive index		1.401	1.401
Viscosity at 25°C	mPa.s	80.000	130.000
Crosspolymer content	%	18	25

	Unit	BRB SG 211	BRB SG 250
INCI		Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer	Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer
Appearance		Colourless translucent gel	Colourless translucent gel
Odour		Odourless	Odourless
Refractive index		1.402	1.402
Viscosity at 25°C	mPa.s	350,000	400,000
Crosspolymer content	%	14	25

矽彈乳化劑

Silicone Crosspolymer Emulsifier

	單位/ Unit	BRB SG 350	
INCI名稱		聚二甲基矽氧烷(和)聚二甲基矽氧烷/ PEG-10/15交聯聚合物	Dimethicone (and) Dimethicone / PEG-10/15 Crossolymer
外觀/ Appearance		無色半透明凝膠	Colourless translucent gel
氣味/ Odour		無味	Odourless
折光率/ Refractive index			1.402
粘度/ Viscosity at 25°C	mPa.s		100,000
聚合物含量/ Crosspolymer content	%		25

BRB個人護理品矽乳液 BRB Personal Care Emulsions

- 🌀 **BRB 1018** 聚二甲基矽氧烷醇 (和) 十二烷基苯磺酸TEA鹽
Dimethiconol (and) TEA-dodecylbenzenesulfonate
- 🌀 **BRB 1288** 氨端聚二甲基矽氧烷(和)十三烷醇聚醚-12 (和)西曲氯鉍
Amodimethicone (and) Trideceth-12 (and) Cetrimonium Chloride
- 🌀 **BRB 9719** 聚二甲基矽氧烷 (和)月桂醇聚醚-4 (和)月桂醇聚醚-23 (和)水楊酸
Dimethicone (and) Laureth-4 (and) Laureth-23 (and) Salicylic acid
- 🌀 **BRB 5446** 聚矽氧烷季鉍鹽-17(和)十三烷醇聚醚-7 (和)十三烷醇聚醚-5
Silicone Quaternium-17 (and) Trideceth-7 (and) Trideceth-5
- 🌀 **BRB 1298** 氨端聚二甲基矽氧烷(和)十三烷醇聚醚-7 (和)十三烷醇聚醚-5 (和) 丙二醇 (和)十三烷醇聚醚-12
Amodimethicone (and) Trideceth-7 (and) Trideceth-5 (and) Propylene Glycol (and) Trideceth-12
- 🌀 應用於護髮和護膚產品
Hair Care and Skin Care applications
- 🌀 適用於頭髮護理產品中操作簡易配方的矽乳液
Emulsions of silicone for easy formulation into hair treatment products
- 🌀 通過在水中稀釋可以很方便地調節濃度
Concentration easily adjusted by dilution with water
- 🌀 幹後形成保護膜
Protective coating upon drying
- 🌀 賦予柔軟和絲滑的膚感
Imparts soft and silky feel
- 🌀 改善濕梳和幹梳
Improves wet and dry combing



BRB個人護理品矽乳液 BRB Personal Care Emulsions

BRB 1018:高粘度聚二甲基矽氧烷醇乳液

High viscosity dimethiconol emulsion

INCI:聚二甲基矽氧烷醇 (和)十二烷基苯磺酸TEA鹽
Dimethiconol (and) TEA-dodecylbenzenesulfonate

由乳液聚合製備的60%聚二甲基矽氧烷醇膠的陰離子巨乳液

60%Dimethiconol Gum anionic macro-emulsion made by Emulsion-polymerisation

改善濕梳和幹梳，賦予柔軟順滑的膚感和光澤

Improve wet and dry combing, imparting smooth soft feel and shine

與陽離子聚合物結合，沉積在頭髮上 (比如：羥丙基三甲基氯化銨)


Deposit on hair in combination with cationic polymers
(e.g. hydroxypropyltrimoniumchloride)

防腐劑:苯氧乙醇

Preservative: Phenoxyethanol









BRB個人護理品矽乳液 BRB Personal Care Emulsions


 BRB 1288:陽離子氨基乳化矽油

Cationic Amino functional emulsion

INCI: 氮端聚二甲基矽氧烷(和)十三烷醇聚醚-12 (和)西曲氯鉍


Amodimethicone (and) Trideceth-12 (and) Cetrimonium Chloride

-  適用於護髮素和焗油膏配方
Hair care emulsion for Conditioners and Hair Treatment formulations
-  在免沖洗產品和造型產品中提供很好的調理性
A very good conditioning additive for Leave-on and styling products
-  優勢: 提高幹濕梳性能, 更少的頭髮飛揚, 減少靜電, 頭髮濃密
Benefits: easier dry & wet combing, less flyaway, less static build-up, hair volume
-  35%矽活含巨乳液
35% silicone active macro-emulsion
-  低D4殘留 (~0.1%)
Low D4 content (~0.1%)
-  防腐劑: 苯氧乙醇
Phenoxyethanol preserved

-  **BRB 1292**是50%矽活含的產品
BRB 1292is a 50% silicone active version.









BRB個人護理品矽乳液 BRB Personal Care Emulsions

 BRB 9719:聚二甲基矽氧烷乳液

Dimethicone emulsion

INCI: 聚二甲基矽氧烷 (和) 月桂醇聚醚-4 (和) 月桂醇聚醚-23 (和) 水楊酸

Dimethicone (and) Laureth-4 (and) Laureth-23 (and) Salicylic acid

-  適用於護膚產品和護髮產品的非離子乳液
Non-ionic emulsion for Skin Care and Hair Care applications
-  55%矽活含
55% Silicone active
-  護髮產品:極好的調理效果並且沒有聚積效應
Hair Care: highly conditioning effect without build up
-  皮膚和身體護理:不黏膩,奢華的柔軟的絲滑膚感
Skin & Body Care: non-tacky, luxuriant soft silky feeling
-  容易製備配方
Easy to formulate
-  防腐劑: 水楊酸
Preservative: Salicylic acid








BRB個人護理品矽乳液 BRB Personal Care Emulsions

BRB 5446: 聚矽氧烷季銨鹽微乳

Silicone Quaternium microemulsion

INCI: 聚矽氧烷季銨鹽-17 (和) 十三烷醇聚醚-7 (和) 十三烷醇聚醚-5

Silicone Quaternium-17 (and) Trideceth-7 (and) Trideceth-5

-  BRB 5446 是一種透明、非離子的季銨鹽功效的矽微乳
BRB 5446 is a clear, non-ionic microemulsion of a quaternary ammonium functional silicone.
-  它是頭髮護理產品的領先產品，適合用於香波、護髮素、髮油/膏和造型配方
It represents a step forward in hair conditioning effect, suitable for use in shampoo, conditioner, hair-balm and styling formulations.
-  適用於透明，免洗和洗去型產品，用於所有發質
Ideal for use in clear, leave-in and rinse-out products, for all hair types
-  增強護色和熱保護功能，特別適用於受損發質
Enhanced color and heat protection, particularly on damaged hair fibers.
-  防腐劑: 苯氧乙醇
Preservative: Phenoxyethanol




BRB個人護理品矽乳液 BRB Personal Care Emulsions

 BRB 1298:非離子氨基微乳化矽油


Non-ionic Amino functional microemulsion

INCI: 氨端聚二甲基矽氧烷(和)十三烷醇聚醚-7 (和)十三烷醇聚醚-5 (和)丙二醇 (和)十三烷醇聚醚-12

Amodimethicone (and) Trideceth-7 (and) Trideceth-5 (and) Propylene Glycol (and) Trideceth-12

 適用於護髮素和焗油膏配方


Hair care emulsion for Conditioners and Hair Treatment formulations

 可用於透明配方

Ideal for clear formulations

 優勢: 提高幹濕梳性能, 減少頭髮飛揚

Benefits: easier dry & wet combing, less flyaway

 30%固含量 / 20%有機矽

30% solid / 20% Silicone

 無防腐體系。使用辛甘醇和苯乙醇的協同作用達到廣譜抗菌。

Protected with a preservative-free blend of Caprylyl glycol and Phenethyl alcohol that offers synergetic broad spectrum antimicrobial protection.



描述	高粘度聚二甲基硅氧烷醇巨乳液	阳离子氨基功效的巨乳液	非离子氨基功效的微乳液	季铵盐硅的微乳液	聚二甲基硅氧烷巨乳液
INCI 名称	聚二甲基硅氧烷醇 (和) 十二烷基苯磺酸 TEA 盐	氨端聚二甲基硅氧烷 (和) 十三烷醇聚醚-12 (和) 西曲氯铵	氨端聚二甲基硅氧烷 (和) 十三烷醇聚醚-7 (和) 十三烷醇聚醚-5 (和) 丙二醇 (和) 十三烷醇聚醚-12	聚硅氧烷季铵盐-17 (和) 十三烷醇聚醚-7 (和) 十三烷醇聚醚-5	聚二甲基硅氧烷 (和) 月桂醇聚醚-4 (和) 月桂醇聚醚-23 (和) 水杨酸
乳化剂类型	阴离子	阳离子	非离子	非离子	非离子
硅含量	60%	35%/50%	20%	15%	50%
粘度 (25°C)	200cSt	5cSt/200cSt	30cSt	20cSt	5000cSt
防腐剂	苯氧乙醇	苯氧乙醇	辛甘醇和苯乙醇	苯氧乙醇	水杨酸
主要应用					
香波	X		X	X	X
洗去型护发素	X	X	X	X	X
驻留型护发素		X	X	X	X
造型产品		X	X	X	X
用量	0.5%-4%	0.5%-2%	2%-6%	2%-10%	0.5%-4%
调理性能	中档	高档	高档	高档	中档
配方优势	低成本，使用方便	使用方便	透明体系，无防腐宣称	透明体系，使用方便	低成本，使用方便
性能优势	易于梳理，光亮，顺滑柔软	易于梳理，顺滑、柔软的手感，减少干发时间	易于梳理，护色	易于梳理，热保护，护色，无聚集效应	易于梳理，光亮，柔软



BRB 1018

BRB 1288 / 1292


BRB 1298


BRB 5446

BRB 9719


Description	Macro-emulsion of an Ultra high viscosity polymer	Macro-emulsion of an amine-functional silicone polymer	Micro-emulsion of an amine-functional silicone polymer	Micro-emulsion of a quaternary ammonium functional silicone	Macro-emulsion of a high viscosity polymer
INCI Name	Dimethiconol (and) TEA-dodecylbenzenesulfonate	Amodimethicone (and) Trideceth-12 (and) Cetrimonium Chloride	Amodimethicone (and) Trideceth-7 (and) Trideceth-5 (and) Propylene Glycol (and) Trideceth-12	Silicone Quaternium-17 (and) Trideceth-7 (and) Trideceth-5	Dimethicone (and) Laureth-4 (and) Laureth-23 (and) Salicylic acid
Emulsifier type	Anionic	Cationic	Non-ionic	Non-ionic	Non-ionic
Silicone content	60%	35% / 50%	20%	15%	50%
Viscosity (25°C)	200 cSt	5 cSt / 200 cSt	30 cSt	20 cSt	5000 cSt
Preservative	Phenoxyethanol	Phenoxyethanol	Caprylyl glycol and Phenethyl alcohol	Phenoxyethanol	Salicylic acid
Primary Applications					
Shampoo	x		x	x	x
Conditioner Rinse off	x	x	x	x	x
Conditioner Leave In		x	x	x	x
Styling		x	x	x	x
Use level	0,5 to 4%	0,5 to 2%	2 to 6%	2 to 10%	0,5 to 4%
Conditioning level	medium	high	high	high	medium
Formulation benefits	low cost, ease of use	ease of use	clear systems, preservative free	clear systems, ease of use	low cost, ease of use
Performance benefits	ease of detangling, shine, silkiness	ease of detangling, smooth & soft dry feel, shortens hair drying time	ease of detangling, color protection	ease of detangling, heat protection, color protection, no build up effect	ease of detangling, shine, softness

氨基矽油Amino oils

 **BRB SF 240** -氨端聚二甲基矽氧烷Amodimethicone

 **BRB SF 430**-氨端聚二甲基矽氧烷Amodimethicone

	氮Nitrogen	粘度Viscosity
BRB SF 240	0.2 %	4000 cSt
BRB SF 430	0.4 %	3000 cSt

 適用於護髮配方，增強調理性


Ingredient for Hair Care formulations to enhance conditioning

 無乳化劑和防腐劑


Free of emulsifiers and preservatives

 在洗去和免沖洗型護髮配方中，操作工藝簡單（經乳化或者加入油相）


Easy to process into hair-care formulations (emulsified or added in the oil phase) of rinse-off or leave-on hair products

 為幹發提供順滑的手感

Provides smooth feel to dry hair

 增加濕梳和幹梳性能

Improves wet and dry combing

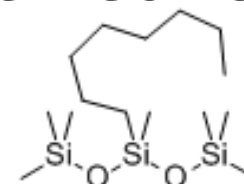
 長效的調理性，並且沒有聚積效應

Long lasting conditioning without build up

烷基矽油 Alkyldimethicones

BRB 辛基聚三甲基矽氧烷

BRB Caprylyl methicone



BRB 辛基聚三甲基矽氧烷 BRB Caprylyl Methicone

應用領域: 護膚產品, 彩妝和防曬產品 Field application: Skin Care, Color Cosmetics and Sun Care

感官體驗 Sensory

柔軟, 絲般順滑輕盈的膚感

Suppleness, smooth silky light feel

極好的鋪展性

Great spreadability

提供光亮度

Gives shine

降低黏膩感和油膩感

Reduce tackiness, greasiness and stickiness

增強天然原料的膚感

Enhance sensory of natural ingredients

適度的揮發性

Moderate volatility

性能 Performance

與油和蠟相容

Oil & waxes compatibility

色粉及顏料的分散劑

Pigment dispersant

使皮膚保持滋潤並且無封閉感

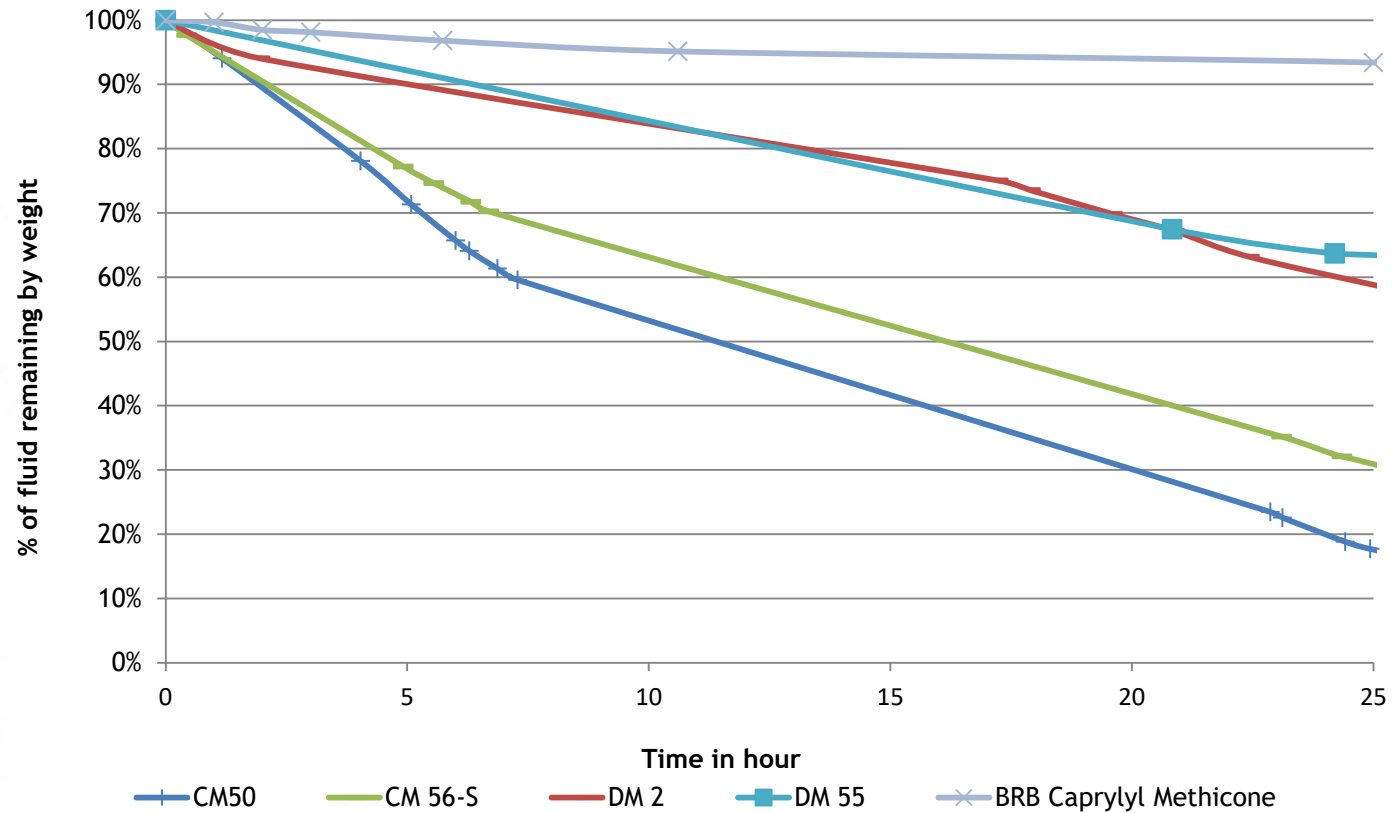
Keeps skin moisturized with no occlusive effect

降低天然油脂的表面張力(鋪展性)

Reduce surface tension of organic oils (spreadability)

優異的分散防曬原料能力: SPF 增效


Great ability to distribute UV filters: SPF booster




- Moderate volatility- less dry feel compare to volatile silicones

烷基矽油 Alkyldimethicones




 **BRB 2835:** 鯨蠟基聚二甲基矽氧烷


Cetyl dimethicone

 **BRB 2836:** 硬脂基聚二甲矽氧烷（和）十八碳烯


Stearyl dimethicone (and) Octadecene

 提高天然原料的膚感，提供獨特的順滑膚感


Enhance sensory of natural ingredients, providing unique smooth silky feel

 與有機成分相容，增加鋪展性


Organic compatibility, improve spreadability

 與色粉相容，SPF增效

Pigment compatibility, SPF booster

 抗水性

Water resistance

 應用：護髮產品，身體和皮膚護理，唇部護理，彩妝和防曬產品

Applications: Hair Care, Body & Skin Care, Lip Care, Color Cosmetics and Sun Care

矽樹脂Silicone resins

- 📦 **BRB TMS** 三甲基矽烷氧基矽酸酯
 Trimethylsiloxysilicate
- 📦 **BRB TMS-50C** 環五聚二甲基矽氧烷(和)三甲基矽烷氧基矽酸酯
 Cyclopentasiloxane (and) Trimethylsiloxysilicate
- 📦 **BRB TMS-30D** 聚二甲基矽氧烷 (和)三甲基矽烷氧基矽酸酯
 Dimethicone (and) Trimethylsiloxysilicate
- 📦 **BRB TMS-50I** 異十二烷 (和)三甲基矽烷氧基矽酸酯
 Isododecane (and) Trimethylsiloxysilicate
- 📦 **BRB Color Lock** 異十二烷 (和)三甲基矽烷氧基矽酸酯(和)聚二甲基矽氧烷
 Isododecane (and) Trimethylsiloxysilicate (and) Dimethicone

New

- 📦 提供客戶定制服務
 Custom made
- 📦 優異的成膜劑，提供長時間效果
 Excellent film former, providing long lasting effect
- 📦 抗水洗和耐摩擦
 Wash-off and rub-off resistant
- 📦 獨特的絲滑和不黏膩膚感
 Unique smooth non-tacky feel



矽樹脂Silicone resins

- 🟦 **BRB PMS-2** 聚甲基矽倍半氧烷
Polymethylsilsesquioxane
- 🟦 **BRB PMS-5** 聚甲基矽倍半氧烷
Polymethylsilsesquioxane
- 🟦 柔光效果，減少細紋和皺紋
Soft focus effect, reduction of fine lines and wrinkles
- 🟦 奢華的絲滑乾爽膚感
Luxurious smooth dry feel
- 🟦 優秀的潤滑性，來源於滾珠效應
Excellent lubricity, due to ball bearing effect
- 🟦 預防色素和粉末物質聚集結塊
Prevention of pigment and powder agglomeration
- 🟦 吸收皮脂
Sebum absorption
- 🟦 改善疏水性
Water repellence improvement
- 🟦 應用：護膚品和彩妝
Applications : Skin Care and Color cosmetics



BRB Personal Care

我們給您提供：

- 🎨 極高的靈活性
- 🎨 豐富的產品
- 🎨 覆蓋全球

We would like to offer you:

- 🎨 Greater flexibility
- 🎨 A wide range of products
- 🎨 Worldwide coverage

我們有：

- 🎨 極其豐富的為客戶量身定制的解決方案的經驗
- 🎨 極其豐富的委託加工經驗

We are:

- 🎨 Highly experienced in tailor made solutions
- 🎨 Highly experienced in toll manufacturing





The power of smart ingredients

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BRB has more than 10 locations worldwide from which we supply our markets and meet our customer's needs. Get in contact with us by scanning this code.