

Product Data Sheet
 First created on: 2015-08-12
 Next inspection on: 2017-06-30

 Updated on: 2016-07-20
 Printed on: 2016-07-20
SiLiglam Type I**Application of product:** Raw material / additive for cosmetics – Iridescent Effect**Chemical composition:**

Component		INCI name			Content	CAS-No.	EINECS
		EU	US	JP			
Coating		Phenyl Methicone			ca. 4 %	31230-04-3	N/A
		Polyvinyl Alcohol				9002-89-5	N/A
		Polyvinyl Butyral				63148-65-2	N/A
Colours:							
IR21-134-L	sunflower iridescent	CI 77492	Iron Oxides	Yellow Oxide of Iron		51274-00-1	257-098-5
IR22-1345-L	sand iridescent	CI 77492	Iron Oxides	Yellow Oxide of Iron		51274-00-1	257-098-5
IR23-156-L	golden yellow iridescent	CI 77492	Iron Oxides	Yellow Oxide of Iron		51274-00-1	257-098-5
IR21-159-L	marigold iridescent	CI 77491	Iron Oxides	Red Oxide of Iron		1309-37-1	215-168-2
		CI 77492	Iron Oxides	Yellow Oxide of Iron		51274-00-1	257-098-5
IR24-1635-L	amber iridescent	CI 77491	Iron Oxides	Red Oxide of Iron		1309-37-1	215-168-2
IR24-183-L	coral iridescent	CI 77491	Iron Oxides	Red Oxide of Iron		1309-37-1	215-168-2
IR24-250-L	rose iridescent		Mica	Mica		12001-26-2	310-127-6
		CI 77891	Titanium Dioxide	Titanium Dioxide		13463-67-7	236-675-5
			Tin Oxide	---		18282-10-5	242-159-0
		CI 75470	Carmine	Carmine		1390-65-4	215-724-4
IR24-257-L	pink grapefruit iridescent		Mica	Mica		12001-26-2	310-127-6
		CI 77491	Iron Oxides	Red Oxide of Iron		1309-37-1	215-168-2
IR23-2645-L	orchid iridescent	CI 77742	Manganese Violet	Manganese Violet		10101-66-3	233-257-4
IR23-271-L	lavender iridescent	CI 77499	Iron Oxides	Black Oxide of Iron		1317-61-9	215-277-5
		CI 77742	Manganese Violet	Manganese Violet		10101-66-3	233-257-4
IR22-2727-L	bright sky iridescent	CI 77007	Ultramarines	Ultramarine		57455-37-5	N/A
IR24-2738-L	denim blue	CI 77510	Ferric Ferrocyanide	Ferric Ferrocyanide		14038-43-8	237-875-5
		CI 77266	Black 2	Carbon Black		1333-86-4	215-609-9
IR24-275-L	Blueberry iridescent	CI 77266	Black 2	Carbon Black		1333-86-4	215-609-9
IR22-277-L	light blue iridescent	CI 77007	Ultramarines	Ultramarine		57455-37-5	N/A
IR23-2777-L	ice blue iridescent	CI 77007	Ultramarines	Ultramarine		57455-37-5	N/A
IR22-279-L	royal blue iridescent	CI 77007	Ultramarines	Ultramarine		57455-37-5	N/A
IR23-282-L	dark ocean iridescent	CI 77266	Black 2	Carbon Black		1333-86-4	215-609-9
IR22-292-L	aquamarine iridescent	CI 77510	Ferric Ferrocyanide	Ferric Ferrocyanide		14038-43-8	237-875-5
IR22-350-L	sea green iridescent	CI 77266	Black 2	Carbon Black		1333-86-4	215-609-9
IR00-432-L	multi black iridescent	CI 77266	Black 2	Carbon Black		1333-86-4	215-609-9
IR21-462-L	moonshine iridescent	CI 77266	Black 2	Carbon Black		1333-86-4	215-609-9
IR22-484-L	dark salmon iridescent	CI 77491	Iron Oxides	Red Oxide of Iron		1309-37-1	215-168-2
IR22-5655-L	pistachio iridescent	CI 77007	Ultramarines	Ultramarine		57455-37-5	N/A
		CI 77492	Iron Oxides	Yellow Oxide of Iron		51274-00-1	257-098-5
IR22-5865-L	honey iridescent	CI 77007	Ultramarines	Ultramarine		57455-37-5	N/A
		CI 77492	Iron Oxides	Yellow Oxide of Iron		51274-00-1	257-098-5
IR23-5493-L	jungle green iridescent	CI 77492	Iron Oxides	Yellow Oxide of Iron		51274-00-1	257-098-5
		CI 77510	Ferric Ferrocyanide	Ferric Ferrocyanide		14038-43-8	237-875-5
Polybutylene Terephthalate		Polybutylene Terephthalate			ca. 58 %	26062-94-2	N/A
Acrylates Copolymer		Acrylates Copolymer			ca. 19 %	25035-69-2	N/A
Ethylene Vinyl Acetate Copolymer		Ethylene / VA Copolymer			ca. 19 %	24937-78-8	N/A

Product Data Sheet

First created on: 2015-08-12
 Next inspection on: 2017-06-30

Updated on: 2016-07-20
 Printed on: 2016-07-20

Construction of the Article number:

Material	Size	Iridescent-foil		Colour		Coating
25	10	IR23	—	2777	—	L

Technical data:

Specific weight: 1,20 kg/dm³
 Bulk density: between 0,25 and 0,75 kg/dm³ - depending on particle size

Available sizes:

Article No.	Size particle		Gauge / thickness		Shape
	metric	Inch	metric	Inch	
2520IR	0,10 mm	0.004"	0,025 – 0,050 mm	0,0010 – 0,0020"	hexagonal
2519IR	0,15 mm	0.006"	0,025 – 0,050 mm	0,0010 – 0,0020"	hexagonal
2510IR	0,20 mm	0.008"	0,025 – 0,050 mm	0,0010 – 0,0020"	hexagonal
2501IR	0,40 mm	0.015"	0,025 – 0,050 mm	0,0010 – 0,0020"	hexagonal
25025IR	0,50 mm	0.020"	0,025 – 0,050 mm	0,0010 – 0,0020"	hexagonal
2502IR	0,60 mm	0.025"	0,025 – 0,050 mm	0,0010 – 0,0020"	hexagonal
2503IR	0,80 mm	0.032"	0,025 – 0,050 mm	0,0010 – 0,0020"	hexagonal
2504IR	1,00 mm	0.040"	0,025 – 0,050 mm	0,0010 – 0,0020"	hexagonal

Resistance:

Medium	Conditions	Result
MEK (Methyl Ethyl Ketone; 99%ig) ^{*)}	15 min / 23 °C	resistant
Isopropanol (25%ig) ^{*)}	15 min / 23 °C	resistant
Isopropanol (70%ig) ^{*)}	15 min / 23 °C	resistant
Ammoniak (25%) ^{*)}	30 min / 23 °C	resistant

^{*)} SiLi test method

Storage indication: Store in a dry manner in closed (original) container by room temperature.

We recommend a processing within 30 months.

Disposal information: There is no type of waste that occurs due to the product that requires special supervision according to (EU) No. 1357/2014 guideline.

Further information: Material Safety Data Sheet SiLiglam Cosmetic Effects

SiLiglam Cosmetic Effect is understood to be allowed for use in cosmetics and are examined for restricted substances in accordance to the EU, US and JP Cosmetic Regulations. Final application choice, end product approval and ingredient listing is the responsibility of the customer.

Sigmund Lindner GmbH has established a Quality Management System according to ISO 9001. The production of Cosmetic Glitter is certified according ISO 22716:2007 Cosmetics - Good Manufacturing Practices (GMP).

For any further information like test reports, shade card and MSDS please contact your product manager.

Manufacturer / Supplier:

Sigmund Lindner GmbH
 Oberwarmensteinacher Str. 38
 95485 Warmensteinach / GERMANY
 Phone: +49-9277-9940 Fax: +49-9277-99499
 Web: www.sili.eu
 E-Mail: sili@sigmund-lindner.com

Responsible:

Erwin Pschierer
 Product Manager Glitter
 Phone: +49-9277-99483
 Fax: +49-9277-99489
 E-Mail: erwin.pschierer@sigmund-lindner.com

*Product trials and stability tests are always recommended and are the responsibility of the customer prior to production.
 All data are reference values – subject to change without prior notice.*