

**Product Data Sheet**
 First created on: 2015-08-12  
 Next inspection on: 2018-12-31

 Updated on: 2017-11-07  
 Printed on: 2017-11-07
**SiLiglam pure - Type I****Chemical composition:**

Component		INCI name			Content	CAS-No.	EINECS
		EU	US	JP			
Coating		Phenyl Methicone			0,8 %	31230-04-3	N/A
		Polyvinyl Alcohol			0,6 %	9002-89-5	N/A
		Polyvinyl Butyral			0,6 %	63148-65-2	N/A
Colorants - depending on color shade:							
IR22-116-L	Primrose yellow iridescent	CI 19140	Yellow 5	Ki4	< 2 %	12225-21-7	235-428-9
IR21-134-L	Sunflower 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
IR22-162-L	Peach 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
IR23-169EU-L*	Light orange iridescent	CI 47005	Not approved	Ki 203		8004-92-0	N/A
		CI 45380	Red 22	Aka 230(1)		17372-87-1	N/A
		CI 45410	Red 28	Aka 104(1)		18472-87-2	N/A
IR23-176EU-L*	Baby rose iridescent	CI 77891	Titanium Dioxide	Titanium Dioxide		13463-67-7	236-675-5
		CI 47005	Not approved	Ki 203		8004-92-0	N/A
		CI 45380	Red 22	Aka 230(1)		17372-87-1	N/A
		CI 45410	Red 28	Aka 104(1)		18472-87-2	N/A
IR24-183-L	Coral iridescent	CI 77491	Iron Oxides	Red Oxide of Iron		1309-37-1	215-168-2
IR21-190-L	Fresh pink iridescent	CI 45380	Red 22	Aka 230(1)		17372-87-1	N/A
		CI 45410	Red 28	Aka 104(1)		18472-87-2	N/A
		CI 15850	Red 7	AK201		5281-04-9	226-109-5
IR22-193-L	Saffron iridescent	CI 16035	Red 40	not approved		25956-17-6	247-368-0
IR23-204-L*	Cotton candy iridescent	CI 45380	Red 22	Aka 230(1)		17372-87-1	N/A
		CI 45410	Red 28	Aka 104(1)		18472-87-2	N/A
		CI 19140	Yellow 5	Ki4		12225-21-7	235-428-9
IR24-205-L	Raspberry red iridescent	CI 16035	Red 40	not approved		25956-17-6	247-368-0
IR22-211-L*	Soft hot pink iridescent	CI 45380	Red 22	Aka 230(1)		17372-87-1	N/A
		CI 45410	Red 28	Aka 104(1)		18472-87-2	N/A
IR24-213-L	Raspberry red iridescent	CI 15850	Red 7	AK201		5281-04-9	226-109-5
IR23-224-L*	Poppy pink iridescent	CI 45380	Red 22	Aka 230(1)		17372-87-1	N/A
		CI 45410	Red 28	Aka 104(1)		18472-87-2	N/A
IR23-225-L*	Jelly pink iridescent	CI 45380	Red 22	Aka 230(1)		17372-87-1	N/A
		CI 45410	Red 28	Aka 104(1)		18472-87-2	N/A
		CI 15850	Red 7	AK201		5281-04-9	226-109-5
		CI 47005	Not approved	Ki 203		8004-92-0	N/A
IR23-237EU-L*	Light pink daisy iridescent	CI 45380	Red 22	Aka 230(1)	17372-87-1	N/A	
		CI 45410	Red 28	Aka 104(1)	18472-87-2	N/A	
		CI 77891	Titanium Dioxide	Titanium Dioxide	13463-67-7	236-675-5	
		CI 45380	Red 22	Aka 230(1)	17372-87-1	N/A	
IR24-252-L*	Bougainvillea iridescent	CI 45410	Red 28	Aka 104(1)	18472-87-2	N/A	
		CI 77007	Ultramarines	Ultramarine	57455-37-5	N/A	
		CI 77019	Mica	Mica	12001-26-2	310-127-6	
IR24-257-L	Pink grapefruit iridescent	CI 77491	Iron Oxides	Red Oxide of Iron	1309-37-1	215-168-2	
		CI 77007	Ultramarines	Ultramarine	57455-37-5	N/A	
IR23-271-L	Lavender iridescent	CI 77266	Black 2	Carbon Black	1333-86-4	215-609-9	
		CI 77742	Manganese Violet	Manganese Violet	10101-66-3	233-257-4	
		CI 45380	Red 22	Aka 230(1)	17372-87-1	N/A	
IR23-272-L*	Anemone iridescent	CI 45410	Red 28	Aka 104(1)	18472-87-2	N/A	
		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	
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	
IR23-328-L	Emerald iridescent	CI 19140	Yellow 5	Ki4	12225-21-7	235-428-9	
		CI 77510	Ferric Ferrocyanide	Ferric Ferrocyanide	14038-43-8	237-875-5	
IR23-340-L	Fairy green iridescent	CI 19140	Yellow 5	Ki4	12225-21-7	235-428-9	
		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	
IR22-366-L	Dark pistachio iridescent	CI 77510	Ferric Ferrocyanide	Ferric Ferrocyanide	14038-43-8	237-875-5	
		CI 19140	Yellow 5	Ki4	12225-21-7	235-428-9	
IR22-377-L	Spring green iridescent	CI 19140	Yellow 5	Ki4	12225-21-7	235-428-9	
		CI 77510	Ferric Ferrocyanide	Ferric Ferrocyanide	14038-43-8	237-875-5	
Polymer Film		Polybutylene Terephthalate			> 58 %	26062-94-2	N/A
		Acrylates Copolymer			> 19 %	25035-69-2	N/A
		Ethylene / VA Copolymer			> 19 %	24937-78-8	N/A

 \* Contains: 2 % Bis(Glycidioxyphenyl)propane/bisaminomethylnorborane copolymer CAS 146277-66-9  
 0,1% Aluminum hydroxide CAS 21645-51-2

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Component	INCI name			Content	CAS-No.	EINECS	
	EU	US	JP				
Coating	Phenyl Methicone			0,8 %	31230-04-3	N/A	
	Polyvinyl Alcohol			0,6 %	9002-89-5	N/A	
	Polyvinyl Butyral			0,6 %	63148-65-2	N/A	
Colorants - depending on color shade:							
IR00-432-L	Multi black iridescent	CI 77266	Black 2	Carbon Black	< 2 %	1333-86-4	215-609-9
IR00-432E-L	Multi black iridescent	CI 77499	Iron Oxides	Black Oxide of Iron		1317-61-9	215-277-5
IR22-461EU-L*	Fresh lemon iridescent	CI 47005	Not approved	Ki 203		8004-92-0	N/A
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
IR23-559EU-L*	Fresh pistachio iridescent	CI 47005	Not approved	Ki 203		8004-92-0	N/A
		CI 77007	Ultramarines	Ultramarine		57455-37-5	N/A
IR22-580-L	Kiwi 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
IR23-625-L	Tibet 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
IR21-875-L	Bronze 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
		CI 77266	Black 2	Carbon Black		1333-86-4	215-609-9
IR21-1245-L	Curry iridescent	CI 19140	Yellow 5	Ki4		12225-21-7	235-428-9
		CI 77742	Manganese Violet	Manganese Violet		10101-66-3	233-257-4
IR22-1345-L	Sand iridescent	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
IR23-1765EU-L*	Bright coral iridescent	CI 47005	Not approved	Ki 203		8004-92-0	N/A
		CI 45380	Red 22	Aka 230(1)		17372-87-1	N/A
		CI 45410	Red 28	Aka 104(1)		18472-87-2	N/A
IR24-1775EU-L*	Lollipop iridescent	CI 47005	Not approved	Ki 203		8004-92-0	N/A
		CI 45380	Red 22	Aka 230(1)		17372-87-1	N/A
		CI 45410	Red 28	Aka 104(1)		18472-87-2	N/A
IR24-1777EU-L*	Red iridescent	CI 47005	Not approved	Ki 203		8004-92-0	N/A
		CI 45380	Red 22	Aka 230(1)		17372-87-1	N/A
		CI 45410	Red 28	Aka 104(1)	18472-87-2	N/A	
IR23-2001EU-L*	Lemon juice iridescent	CI 47005	Not approved	Ki 203	8004-92-0	N/A	
IR23-2037EU-L*	Bright pink daisy iridescent	CI 47005	Not approved	Ki 203	8004-92-0	N/A	
		CI 45380	Red 22	Aka 230(1)	17372-87-1	N/A	
		CI 45410	Red 28	Aka 104(1)	18472-87-2	N/A	
IR23-2053EU-L*	Pale violet red iridescent	CI 47005	Not approved	Ki 203	8004-92-0	N/A	
		CI 45380	Red 22	Aka 230(1)	17372-87-1	N/A	
		CI 45410	Red 28	Aka 104(1)	18472-87-2	N/A	
		CI 77266	Black 2	Carbon Black	1333-86-4	215-609-9	
IR24-2095EU-L*	Bright salmon iridescent	CI 47005	Not approved	Ki 203	8004-92-0	N/A	
		CI 45380	Red 22	Aka 230(1)	17372-87-1	N/A	
		CI 45410	Red 28	Aka 104(1)	18472-87-2	N/A	
		CI 77510	Ferric Ferrocyanide	Ferric Ferrocyanide	14038-43-8	237-875-5	
IR23-2366-L	Iridescent white	CI 77891	Titanium Dioxide	Titanium Dioxide	13463-67-7	236-675-5	
IR24-2612-L*	Pink orchid iridescent	CI 45380	Red 22	Aka 230(1)	17372-87-1	N/A	
		CI 45410	Red 28	Aka 104(1)	18472-87-2	N/A	
		CI 77266	Black 2	Carbon Black	1333-86-4	215-609-9	
IR23-2635-L	Light lavender iridescent	CI 77742	Manganese Violet	Manganese Violet	10101-66-3	233-257-4	
IR23-2645-L	Orchid iridescent	CI 77266	Black 2	Carbon Black	1333-86-4	215-609-9	
		CI 77742	Manganese Violet	Manganese Violet	10101-66-3	233-257-4	
IR24-2665-L*	Crocus iridescent	CI 45380	Red 22	Aka 230(1)	17372-87-1	N/A	
		CI 45410	Red 28	Aka 104(1)	18472-87-2	N/A	
		CI 77510	Ferric Ferrocyanide	Ferric Ferrocyanide	14038-43-8	237-875-5	
IR23-2705-L	Syringa Iridescent	CI 77742	Manganese Violet	Manganese Violet	10101-66-3	233-257-4	
IR23-2718-L	Summer blue iridescent	CI 77007	Ultramarines	Ultramarine	57455-37-5	N/A	
		CI 77007	Ultramarines	Ultramarine	57455-37-5	N/A	
IR24-2725-L	Blue Lavender iridescent	CI 77742	Manganese Violet	Manganese Violet	10101-66-3	233-257-4	
		CI 77007	Ultramarines	Ultramarine	57455-37-5	N/A	
IR22-2727-L	Bright sky iridescent	CI 77007	Ultramarines	Ultramarine	57455-37-5	N/A	
IR24-2738-L	Denim blue iridescent	CI 77510	Ferric Ferrocyanide	Ferric Ferrocyanide	14038-43-8	237-875-5	
		CI 77266	Black 2	Carbon Black	1333-86-4	215-609-9	
IR23-2777-L	Ice blue iridescent	CI 77007	Ultramarines	Ultramarine	57455-37-5	N/A	
IR22-3005-L	Light Blue iridescent	CI 77510	Ferric Ferrocyanide	Ferric Ferrocyanide	14038-43-8	237-875-5	
IR22-3415-L	Moos green iridescent	CI 19140	Yellow 5	Ki4	12225-21-7	235-428-9	
		CI 77510	Ferric Ferrocyanide	Ferric Ferrocyanide	14038-43-8	237-875-5	
Polymer Film	Polybutylene Terephthalate			> 58 %	26062-94-2	N/A	
	Acrylates Copolymer			> 19 %	25035-69-2	N/A	
	Ethylene / VA Copolymer			> 19 %	24937-78-8	N/A	

\* Contains: 2 % Bis(Glycidioxyphenyl)propane/bisaminomethylnorborane copolymer CAS 146277-66-9  
 0,1% Aluminum hydroxide CAS 21645-51-2

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Component	INCI name			Content	CAS-No.	EINECS	
	EU	US	JP				
Coating	Phenyl Methicone			0,8 %	31230-04-3	N/A	
	Polyvinyl Alcohol			0,6 %	9002-89-5	N/A	
	Polyvinyl Butyral			0,6 %	63148-65-2	N/A	
Colorants - depending on color shade:							
IR23-5493-L	Jungle green iridescent	CI 77492	Iron Oxides	Yellow Oxide of Iron	< 2%	51274-00-1	257-098-5
		CI 77510	Ferric Ferrocyanide	Ferric Ferrocyanide		14038-43-8	237-875-5
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
IR21-7418-L	Flamingo iridescent	CI 77742	Manganese Violet	Manganese Violet		10101-66-3	233-257-4
		CI 16035	Red 40	not approved		25956-17-6	247-368-0
IR23-7494-L*	Pale green iridescent	CI 47005	Not approved	Ki 203		8004-92-0	N/A
		CI 77007	Ultramarines	Ultramarine		57455-37-5	N/A
IR23-7709-L*	Caribbean green iridescent	CI 47005	Not approved	Ki 203		8004-92-0	N/A
		CI 77510	Ferric Ferrocyanide	Ferric Ferrocyanide		14038-43-8	237-875-5
IR23-7710-L*	Light Sea green iridescent	CI 47005	Not approved	Ki 203	8004-92-0	N/A	
		CI 77007	Ultramarines	Ultramarine	57455-37-5	N/A	
		CI 77510	Ferric Ferrocyanide	Ferric Ferrocyanide	14038-43-8	237-875-5	
		Polybutylene Terephthalate			> 58 %	26062-94-2	N/A
Polymer Film			Acrylates Copolymer	> 19 %	25035-69-2	N/A	
			Ethylene / VA Copolymer	> 19 %	24937-78-8	N/A	

\* Contains: 2 % Bis(Glycidoxyphenyl)propane/bisaminomethylnorborane copolymer CAS 146277-66-9  
 0,1% Aluminum hydroxide CAS 21645-51-2

**Composition of color shades 421-3, 422-3, 423-3, 424-3 and 400-3**

Component	INCI name			Content	CAS-No.	EINECS
	EU	US	JP			
Polymer Film	Polybutylene Terephthalate			60 %	26062-94-2	N/A
	Acrylates Copolymer			20 %	25035-69-2	N/A
	Ethylene / VA Copolymer			20 %	24937-78-8	N/A

**Particle size:**

Item code	Size	
2620	100 µm	0.004"
2619	150 µm	0.006"
2610	200 µm	0.008"
2601	400 µm	0.015"

**Structure of item code:**

Material	Size	Colour		Coating
26	10	IR23	— 2777	— L

**Technical data:**
 Thickness: 30 µm  
 Specific weight: 1.20 kg/dm<sup>3</sup>  
 Antimony content: < 5 ppm
**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
Ammonia (25%)*)	30 min / 23 °C	resistant

\* SiLi test method

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**Storage indication:** Store in a dry manner in closed (original) container by room temperature. We recommend a processing within 36 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 pure

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).

**Manufacturer / Supplier:**

Sigmund Lindner GmbH  
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95485 Warmensteinach / GERMANY  
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E-Mail: [sili@sigmund-lindner.com](mailto:sili@sigmund-lindner.com)

**Responsible:**

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Product Manager Glitter  
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*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*