

<u>samaterials.com</u>

SAFETY DATA SHEET

Version 3.0 Revision Date 09/04/2017

1. P	RODUCT AND COMPANY IDE	NTIFICATION								
1.1	Product identifiers									
1	Product name Brand	Silver			÷.,			1	÷.,	*
	CAS-No.	: 7440-22-4								
1.2	Relevant identified uses of the	substance or mixture	and us	ses advised	l against					
	Identified uses	: Laboratory chemica	als, Synt	thesis of su	ostances					
1.3	Details of the supplier of the sa	afety data sheet						111		
:	Company	Stanford Advance Materials 23661 Birtcher Dr Lake Forest, CA 9	:				*		1	'
	Telephone Fax	USA : +1 (949) 407-8904 : +1 (949) 812-6690	4			.:		*		
1.4	Emergency telephone number									
	Emergency Phone #	: +1 (949) 407-8904	ļ.							
2. H	AZARDS IDENTIFICATION									
2.1	Classification of the substan	ce or mixture								
.:	GHS Classification in accord Acute aquatic toxicity (Categor Chronic aquatic toxicity (Categor	y 1), H400	10 (OSI	HA HCS)	'			'		
	For the full text of the H-Statem	nents mentioned in this	s Sectio	n, see Sec	tion 16.					
2.2	GHS Label elements, including	precautionary staten	nents		: • •			: • •		
1	Pictogram							:		*
	Signal word	Warning								
	Hazard statement(s) H410	Very toxic to aqua	tic life w	vith long la	sting effe	cts.				
	Precautionary statement(s) P273 P391 P501	Avoid release to th Collect spillage. Dispose of conten			approved	d waste	disposal pl	ant.		
2.3Ha	zards not otherwise classified	(HNOC) or not cover	red by (GHS - none	•	1				
3. C	OMPOSITION/INFORMATION	ON INGREDIENTS								
3.1Su	bstances Formula Molecular weight	: Ag : 107.87 g/mol				1		*	.:	

CAS-No. : 7440-22-4 EC-No. : 231-131-3

	<mark>lous compon</mark> e ponent					Classification	on		Conc	entration		
Silve	er											
						Aquatic Act		uatic	90 - 1	00 %		
For the	full text of the	H-State	ments men	tioned in t	this Sec	Chronic 1; I		1				
		÷.,		÷.	÷.,		÷.	1	'			
RST AI	D MEASURES	S										
Descrip	ption of first a	aid meas	sures									
	al advice t a physician. S	Show thi	is safety da	ta sheet to	o the do	ctor in attend	lance.					
	hed in, move p		nto fresh air	. If not bre	eathing,	give artificial	respirat	ion. Con	sult a phy	sician.		
Wash c	e of skin conta off with soap a	nd plent	y of water. (Consult a	physicia	ın.	1.			· .		
	e of eye conta eyes with water		ecaution.	1.1 ¹				.1				
If swall Never g Most in The mo	give anything b nportant symp ost important k ion of any im	o toms an nown sy	id effects, k mptoms an	ooth acute nd effects	and de are desc	layed bribed in the	labelling	(see sec		111	ection 1	1
If swall Never g Most im The mo Indicat No data	give anything b nportant symp ost important k ion of any im a available	ntoms an nown sy mediate	id effects, k mptoms an	ooth acute nd effects	and de are desc	layed bribed in the	labelling	(see sec		111	ection 1	1
If swall Never of Most im The mo Indicati No data REFIGH	give anything b nportant symp ost important k ion of any im a available ITING MEASU	ntoms an nown sy mediate	id effects, k mptoms an	ooth acute nd effects	and de are desc	layed bribed in the	labelling	(see sec		111	ection 1	1
If swall Never of Most im The mo Indicati No data REFIGH Suitabl	give anything b nportant symp ost important k ion of any im a available	nown sy mediate RES	id effects, k imptoms an medical a	ooth acute ad effects a ttention a	e and de are desc and spe	layed cribed in the cial treatme	labelling nt need	(see sec		111	ection 1	1
If swall Never g Most im The mo Indicati No data REFIGH inguish Suitabl Use wa Special	give anything b nportant symp ost important k ion of any im a available ITING MEASU hing media le extinguishi	nown sy mediate RES ng med	id effects, k imptoms an medical a ia stant foam,	ooth acute ad effects ttention a dry chem	e and de are desc and spe	layed cribed in the cial treatme	labelling nt need	(see sec		111	ection 1	1
If swall Never g Most im The mo Indicati No data REFIGH Suitabl Use wa Special No data Advice	give anything b nportant symp ost important k ion of any imp a available HTING MEASU hing media le extinguishi ater spray, alco I hazards aris	nown sy mediate RES ng med bhol-resis ing fror	ia ia stant foam, n the subs	ooth acute ad effects ttention a dry chem tance or	e and de are desc and spe ical or c mixture	layed cribed in the cial treatme	labelling nt need	(see sec		111	ection 1	1
If swall Never g Most im The mo Indicati No data REFIGH Use wa Special No data Advice Wear s Further	give anything b nportant symp ost important k ion of any imp a available HTING MEASU hing media le extinguishi ater spray, alco I hazards aris a available for firefighte	nown sy mediate RES ng med phol-resis ing fror rs preathing	ia ia stant foam, n the subs	ooth acute ad effects ttention a dry chem tance or	e and de are desc and spe ical or c mixture	layed cribed in the cial treatme	labelling nt need	(see sec	otion 2.2) a	111	ection 1	1
If swall Never of Most im The mo Indicati No data REFIGH Suitabl Use wa Special No data Advice Wear s Further No data	give anything b nportant symp ost important k ion of any im a available ITING MEASU ITING MEASU ing media le extinguishi ater spray, alco I hazards aris a available for firefighte elf-contained b r information	nown sy mediate RES ng med ohol-resis ing fror rs preathing	id effects, k imptoms an medical a ia stant foam, n the subs	ooth acute ad effects ttention a dry chem tance or	e and de are desc and spe ical or c mixture	layed cribed in the cial treatme	labelling nt need	(see sec	etion 2.2) a	111	ection 1	1
If swall Never of Most im The mo Indicati No data REFIGH Suitabl Use wa Special No data Advice Wear s Further No data CCIDEN Avoid d	give anything b nportant symp ost important s ion of any important k ion of any important k ion of any important k ing media le extinguishi ater spray, alco I hazards aris a available for firefighte elf-contained k r information a available	mediate RES ng med bhol-resis ing fror rs preathing SE MEA Avoid b	id effects, k imptoms an medical a ia stant foam, n the subs g apparatus SURES ective equij reathing va	ooth acute ad effects ttention a dry chem tance or s for firefig	e and de are desc and spe ical or c mixture hting if r d emerg	layed cribed in the cial treatme arbon dioxid necessary.	labelling nt neede e.	(see sec	etion 2.2) a	111	ection 1	1
If swall Never (Most im The mo Indicati No data REFIGH Use wa Special No data Advice Wear s Further No data CCIDEN Avoid d For per Enviroi	give anything b nportant symp post important symp post important k ion of any im a available TTING MEASU hing media le extinguishi ater spray, alco I hazards aris a available for firefighte elf-contained b r information a available NTAL RELEAS hal precaution Just formation.	mediate RES ng med phol-resis ing fror rs preathing SE MEA Avoid b pon see s autions	id effects, k imptoms an medical a ia stant foam, n the subs g apparatus SURES ective equij reathing va ection 8.	ooth acute ad effects ttention a dry chem tance or s for firefig	e and de are desc and spe ical or c mixture hting if r d emerg st or gas	layed cribed in the cial treatme arbon dioxide necessary.	labelling nt neede e. e.	(see sec ed	tion 2.2) a	and/or in se		1

6.4 **Reference to other sections** For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well-ventilated place.

Air sensitive. Store under inert gas. Keep in a dry place.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL

PROTECTION 8.1 Control parameters

Components with workplace control parameters

Compone	ent	CAS-No.	Value	Control	Basis
				parameters	
Silver		7440-22-4	TWA	0.010000	USA. Occupational Exposure Limits
		1		mg/m3	(OSHA) - Table Z-1 Limits for Air
				1 I I I	Contaminants
			TWA	0.010000	USA. Occupational Exposure Limits
				mg/m3	(OSHA) - Table Z-1 Limits for Air
					Contaminants
			TWA	0.100000	USA. ACGIH Threshold Limit Values
				mg/m3	(TLV)
		Remarks	Argyria		
		1. State 1.	TWA	0.010000	USA. NIOSH Recommended
				mg/m3	Exposure Limits
			TWA	0.010000	USA. Occupational Exposure Limits
		1.1		mg/m3	(OSHA) - Table Z-1 Limits for Air
					Contaminants
			TWA	0.010000	USA. NIOSH Recommended
				mg/m3	Exposure Limits
			TWA	0.100000	USA. ACGIH Threshold Limit Values
	1		,	mg/m3	(TLV)
			Argyria		
			TWA	0.010000	USA. NIOSH Recommended
	1	1.0	1.00	mg/m3	Exposure Limits
			TWA	0.1 mg/m3	USA. ACGIH Threshold Limit Values
					(TLV)
			Argyria		
			TWA	0.01 mg/m3	USA. Occupational Exposure Limits
					(OSHA) - Table Z-1 Limits for Air
					Contaminants
	111		PEL :	0.01 mg/m3	California permissible exposure
					limits for chemical contaminants
					(Title 8, Article 107)

8.2Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PH	IYSICAL AND CHEMICAL PR	OPERTIES		1.1.1			111		
9.1	Information on basic physica	al and chemical properties	S						
	a) Appearance	Form: powder							
	b) Odour	No data available							
	c) Odour Threshold	No data available							
	d) pH	No data available	1 - 1		. '				
	e) Melting point/freezing point	Melting point/range: 960	°C (1,760 °	F) - lit.					
	f) Initial boiling point and boiling range	2,212 °C (4,014 °F) - lịt.					111		
	g) Flash point	No data available							
1	h) Evaporation rate	No data available		1.	1	'	· .	1	
	i) Flammability (solid, gas)	No data available							
	j) Upper/lower flammability or explosive limits	No data available			.:		*	.:	

							 1		
	k) Vapour pressure	No data availat	ble						
:	I) Vapour density	No data availat	ble						
	m) Relative density	10.49 g/cm3	1						
	n) Water solubility	No data availat	ble						
	 Partition coefficient: r octanol/water 	n- No data availat	ble		111				
	p) Auto-ignition temperature	No data availat	ble						
· .	q) Decomposition temperature	No data availat	ble				 · ·		
.:	r) Viscosity	No data availat	ole				 	.:	
	s) Explosive properties	No data availat	ble						
	t) Oxidizing properties	No data availat	ble						
9.2	Other safety information								
	No data available								
10.	STABILITY AND REACTIVI	TY , S	1		1		 1	1	
10.1	Reactivity No data available								
10.2	Chemical stability Stable under recommended	storage conditions.							
10.3	Possibility of hazardous rea	actions							
	No data available				111		 111		
10.4	Conditions to avoid No data available								
10.5	Incompatible materials Oxygen, Strong acids and s	trong bases							
10.6	Hazardous decomposition Hazardous decomposition p Other decomposition produc In the event of fire: see sect	products formed und cts - No data availab		ditions S	ilver/silver	oxides	 *		
	TOXICOLOGICAL INFORM						 		
11.	Ũ	cal effects							
1	Acute toxicity No data available			1.1	1	1	 1		
	LD50 Oral - Rat - male - > 5								
. '	Inhalation: No data available	e ''					 		
	Inhalation: No data available	e							
	Dermal: No data available								
	Dermal: No data available			н 1. т.	111		111		
	No data available								
1	No data available				÷.,		 1	1	
	Skin corrosion/irritation No data available								
	No data available				· · *		 '		
								Page 5	of 8
1							 	, uge o	5.0

÷.,	Serious eye No data ava		eye irrit	ation	÷.,	1.		4	1		t,	1	'
.:	No data ava	ilable			1.1						1.1		
	Respiratory No data ava		ensitisa	tion									
	No data ava	ilable						1.11					
	Germ cell n No data ava		ity			ı							
1	No data ava	ilable	1			1		1	1	1.1		1	
	Carcinog	enicity											
1	Carcinogeni Tumorigenio				ion.								
	Carcinogeni	city classif	ication n	iot possi	ble from cur	rent dat	a.						
		1.1.1						1.1.1					
	IARC:				oduct preser confirmed h				qual to 0	.1% is ide	ntified		*
	NTP:				oduct preser carcinogen b		els greate	er than or eo	qual to 0	.1% is ide	ntified as		
	OSHA:				oduct preser Il carcinogen			er than or eo	qual to 0	.1% is ide	ntified as		
	Reproducti No data ava No data ava No data ava	ilable ilable	1 	н 1 - 1	111		1.			1.	111		
	No data ava	ilable						1			:		
,	Specific tar No data ava		toxicity	/ - singl	e exposure				,				
	Specific tar No data ava		toxicity	/ - repea	ated exposu	re							
	Aspiration No data ava				111			;**			111		
	Additional RTECS: No		n										
1	May cause a albuminate		late-gra	y or blui	sh discolorat	tion of tl	he skin ar	nd deep tiss	ues due	to the de	posit of ins	oluble	'
12.	ECOLOGICA		ATION		1								
	Toxicity No data ava												
	No data ava				: • •						1.1		
12.2	2 Persisten No data ava			ty									
12.3	Bioaccumu No data ava		ential	1.1		1		1		¹			'
12.4	Mobility in s No data ava		.:					'	.1				

	PRT/vPvR acco	peemont		sessmen ailable as	chemical	safety as	seesmor	nt not require	d/not c	onducted			
6	Other adverse An environmen Very toxic to ad	effects Ital haza	rd canr	not be exc	cluded in t						*	1	
	No data availal	ble		-									
3.	DISPOSAL CON	SIDERA	TIONS										
1 \	Naste treatment	method	S										
	Product Offer surplus	and nor	n-recyc	lable solu	itions to a	licensed	disposal	company.	1.			1.	
:	Contaminat Dispose of a			ict.		.:			.1		'	.1	
4.	TRANSPORT II	NFORM	ATION										
	DOT (US)				111			111		1			
	UN number: 3		Clas		h. h '		g group:						
,	Proper shippi Reportable Q				iy nazardo	ous subst	ances, so	oiia, n.o.s. (S	Silver)				
· .	Poison Inhala				· ·	· ·		· .	1		1.	1.	
	IMDG												
	UN number: 3 Proper shippi Marine polluta	ing name		s: 9 RONMEI	NTALLY H		g group:)US SUB			№: F-A, S-F I.O.S.			
	IATA UN number: 3		Clas				g group:						
	Proper Shippi	по пате	e. ⊢uvir	onmenia	iv nazaroc	ous subst	ance so	lidnos					
:	Proper shippi		e: Envir	onmental	iy nazaroo	ous sudst	ance, so	110, n.o.s.				÷.,	
	Further infor	r mation quired (A	ADR 2.2	2.9.1.10,	IMDG cod	e 2.10.3)	for single	e packaging	s and co	ombination pac	ckaginę	gs conta	inir
5.	Further infor EHS-Mark re	r mation quired (<i>A</i> ings with	ADR 2.2 Dange	2.9.1.10, erous Goo	IMDG cod	e 2.10.3)	for single	e packaging	s and co	ombination pac	ckaging	gs conta	inir
5.	Further infor EHS-Mark re inner packagi	rmation quired (A ings with INFORI mponen	ADR 2.2 Dange MATIO	2.9.1.10, erous Goo N	IMDG cod ods > 5L fo	e 2.10.3) or liquids	for single or > 5kg	e packaging for solids.				gs conta	inir
5.	Further infor EHS-Mark re- inner packagi REGULATORY SARA 302 Cor No chemicals i SARA 313 Cor	rmation quired (<i>A</i> ings with INFORI mponen n this ma mponen	ADR 2.2 Dange MATIO Its aterial a	2.9.1.10, erous Goo N are subjec	IMDG cod ods > 5L fo	e 2.10.3) or liquids	for single or > 5kg equireme	e packaging for solids.	A Title III	, Section 302.		gs conta	inir
5.	Further infor EHS-Mark re- inner packagi REGULATORY SARA 302 Con No chemicals i SARA 313 Con The following c	rmation quired (<i>A</i> ings with INFORI mponen n this ma mponen	ADR 2.2 Dange MATIO Its aterial a	2.9.1.10, erous Goo N are subjec	IMDG cod ods > 5L fo	e 2.10.3) or liquids	for single or > 5kg equireme	e packaging for solids. ents of SARA ed by SARA CAS-No.	∖ Title III Title III,	, Section 302. Section 313: Revision Da	ate	gs conta	inir
5.	Further infor EHS-Mark re- inner packagi REGULATORY SARA 302 Cor No chemicals i SARA 313 Cor The following c Silver	rmation quired (<i>A</i> ings with INFORI mponen n this ma mponen compone	ADR 2.2 Dange MATIO ts aterial a ts ents are	2.9.1.10, erous Goo N are subjec	IMDG cod ods > 5L fo	e 2.10.3) or liquids	for single or > 5kg equireme	e packaging for solids. ents of SARA	∖ Title III Title III,	, Section 302. Section 313:	ate	gs conta	inir
5.	Further infor EHS-Mark re- inner packagi REGULATORY SARA 302 Con No chemicals i SARA 313 Con The following c	rmation quired (A ings with INFORI mponen n this ma mponen compone	ADR 2.2 Dange MATIO ts aterial a ts ents are	2.9.1.10, erous Goo N are subjec	IMDG cod ods > 5L fo	e 2.10.3) or liquids	for single or > 5kg equireme	e packaging for solids. ents of SARA ed by SARA CAS-No.	∖ Title III Title III,	, Section 302. Section 313: Revision Da	ate	gs conta	inir
5.	Further infor EHS-Mark re- inner packagi REGULATORY SARA 302 Cor No chemicals i SARA 313 Cor The following c Silver SARA 311/312	rmation quired (<i>A</i> ings with INFORI mponen n this ma mponen compone	ADR 2.2 Dange MATIO ts aterial a ts nts are	2.9.1.10, erous Goo N are subjec subject t	IMDG cod ods > 5L fo	e 2.10.3) or liquids	for single or > 5kg equireme	e packaging for solids. ents of SARA ed by SARA CAS-No. 7440-22-4	∖ Title III Title III,	, Section 302. Section 313: Revision Da 1993-04-24	ate	gs conta	inin
5.	Further infor EHS-Mark re- inner packagi REGULATORY SARA 302 Cor No chemicals i SARA 313 Cor The following c Silver SARA 311/312 No SARA Haza	rmation quired (<i>A</i> ings with INFORI mponen n this ma mponen compone	ADR 2.2 Dange MATIO ts aterial a ts nts are	2.9.1.10, erous Goo N are subjec subject t	IMDG cod ods > 5L fo	e 2.10.3) or liquids	for single or > 5kg equireme	e packaging for solids. ents of SARA ed by SARA CAS-No.	Title III Title III,	, Section 302. Section 313: Revision Da	ate	gs conta	inir
5.	Further infor EHS-Mark re- inner packagi REGULATORY SARA 302 Cor No chemicals i SARA 313 Cor The following c Silver SARA 311/312 No SARA Haza Massachusett	rmation quired (<i>A</i> ings with INFORI mponen n this ma mponen compone 2 Hazard ards cs Right	ADR 2.2 Dange MATIO ts aterial a ts nts are	2.9.1.10, erous Goo N are subject t subject t	IMDG cod ods > 5L fo ot to the re o reporting	e 2.10.3) or liquids	for single or > 5kg equireme	e packaging for solids. ents of SARA ed by SARA CAS-No. 7440-22-4 CAS-No. 7440-22-4	Title III Title III,	, Section 302. Section 313: Revision Da 1993-04-24 Revision Da 1993-04-24	ate	gs conta	inir
5.	Further infor EHS-Mark re- inner packagi REGULATORY SARA 302 Cor No chemicals i SARA 313 Cor The following c Silver SARA 311/312 No SARA Haza Massachusett Silver	rmation quired (<i>A</i> ings with INFORI mponen n this ma mponen compone 2 Hazard ards cs Right	ADR 2.2 Dange MATIO ts aterial a ts nts are	2.9.1.10, erous Goo N are subject t subject t	IMDG cod ods > 5L fo ot to the re o reporting	e 2.10.3) or liquids	for single or > 5kg equireme	e packaging for solids. ents of SARA ed by SARA CAS-No. 7440-22-4 CAS-No.	Title III	, Section 302. Section 313: Revision Da 1993-04-24 Revision Da 1993-04-24	ate	gs conta	inin
5.	Further infor EHS-Mark re- inner packagi REGULATORY SARA 302 Con No chemicals i SARA 313 Con The following co Silver SARA 311/312 No SARA Haza Massachusett Silver Pennsylvania Silver	rmation quired (<i>A</i> ings with INFORI mponen n this ma mponen compone 2 Hazard ards cs Right	ADR 2.2 Dange MATIO ts aterial a ts nts are	2.9.1.10, erous Goo N are subject t subject t	IMDG cod ods > 5L fo ot to the re o reporting	e 2.10.3) or liquids	for single or > 5kg equireme	e packaging for solids. ents of SARA ed by SARA CAS-No. 7440-22-4 CAS-No. 7440-22-4 CAS-No. 7440-22-4 CAS-No.	Title III	, Section 302. Section 313: Revision Da 1993-04-24 Revision Da 1993-04-24 Revision Da 1993-04-24 Revision Da	ate	gs conta	inir
· . 5.	Further infor EHS-Mark re- inner packagi REGULATORY SARA 302 Con No chemicals i SARA 313 Con The following of Silver SARA 311/312 No SARA Haza Massachusett Silver Pennsylvania Silver Silver	rmation quired (A ings with INFORI mponen n this ma mponen compone 2 Hazard ards ards ards Right T a	ADR 2.2 Dange MATIO Its aterial a ts nts are Is To Knov	2.9.1.10, erous Goo N are subject subject t	IMDG cod ods > 5L fo ot to the re o reporting conents	e 2.10.3) or liquids	for single or > 5kg equireme	e packaging for solids. ents of SARA ed by SARA CAS-No. 7440-22-4 CAS-No. 7440-22-4 CAS-No. 7440-22-4	Title III	, Section 302. Section 313: Revision Da 1993-04-24 Revision Da 1993-04-24 Revision Da 1993-04-24	ate	gs conta	inir
: 5. : :	Further infor EHS-Mark re- inner packagi REGULATORY SARA 302 Con No chemicals i SARA 313 Con The following co Silver SARA 311/312 No SARA Haza Massachusett Silver Pennsylvania Silver	rmation quired (A ings with INFORI mponen n this ma mponen compone 2 Hazard ards ards ards Right T a	ADR 2.2 Dange MATIO Its aterial a ts nts are Is To Knov	2.9.1.10, erous Goo N are subject subject t	IMDG cod ods > 5L fo ot to the re o reporting conents	e 2.10.3) or liquids	for single or > 5kg equireme	e packaging for solids. ents of SARA ed by SARA CAS-No. 7440-22-4 CAS-No. 7440-22-4 CAS-No. 7440-22-4 CAS-No.	Title III	, Section 302. Section 313: Revision Da 1993-04-24 Revision Da 1993-04-24 Revision Da 1993-04-24 Revision Da	ate	gs conta	inir

7440-22-4

1993-04-24

California Prop. 65 Components

Silver

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16.	OTHER INFORMATIC											,
	Full text of H-Stat	ements	referred	to under s	ections	2 and 3.						
÷.,	Aquatic Acute Aquatic Chronic H400 H410	Acute aquatic toxicity Chronic aquatic toxicity Very toxic to aquatic life. Very toxic to aquatic life wi		th long la	sting effect	ts.	1	'	:	Ξ.		
.:	HMIS Rating Health hazard: Chronic Health Haz		0	*			*	.:		'		
	Flammability: Physical Hazard		0 0	:**						: • •		
:,	NFPA Rating Health hazard: Fire Hazard: Reactivity Hazard:		0 0 0	÷.,	4	*	÷.,	: .			:	*

Further information

This material safety data sheet is offered solely for your information, consideration, and investigation. Stanford Advanced Materials provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.

 a. a. a		1											1	
11 11 <t< th=""><th></th><th>1</th><th></th><th>1</th><th>1</th><th>1.1 1</th><th>÷.</th><th>1.</th><th>1.1 1</th><th>1</th><th>÷.</th><th></th><th>1,</th><th></th></t<>		1		1	1	1.1 1	÷.	1.	1.1 1	1	÷.		1,	
4. 4. <td< th=""><th></th><th>.1</th><th></th><th>*</th><th>.1</th><th></th><th></th><th>1</th><th></th><th></th><th>ji.</th><th> </th><th>.:</th><th></th></td<>		.1		*	.1			1			ji.	 	.:	
A. A							;		· · ·					
11 11 <td< th=""><th></th><th>1</th><th></th><th>÷.,</th><th>: .</th><th>1.1 1</th><th></th><th>1</th><th>11 C</th><th>1</th><th>1.</th><th></th><th>1.</th><th>'</th></td<>		1		÷.,	: .	1.1 1		1	11 C	1	1.		1.	'
an a		.:		*	.1	. :		1	. :		,÷	 	.:	
en de la seu de la s La seu de la							;					 :	Page 8 o	f 8
	1			1		1.1	÷.,	÷.,	1.1 1	1.	÷.,		1	*
		.:	. 1	*	.:		*	.:		'	.:		.:	
				1 1 1 1			111	· · ·				 	• •	