

SerpiCoat™
SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier	
Product Name	SerpiCoat™
Product code	2420 (White), 2421 (Grey), 2422 (Black)
CAS No.	Mixture.
EC No.	Mixture.
REACH Registration No.	None assigned.
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Asbestos encapsulant.
Uses advised against	None known.
1.3 Details of the supplier of the safety data sheet	
Company Identification	ICP Building Solutions Group 150 Dascomb Road Andover, MA 01810 USA
Telephone	978-623-9987
Fax	978-482-2048
E-mail	info@fiberlock.com
1.4 Emergency telephone number	
CHEM TEL	813-248-0585 (24 hour(s))

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
Regulation (EC) No. 1272/2008 (CLP)	Aquatic Chronic 3; Harmful to aquatic life with long lasting effects.
2.2 Label elements	
Product Name	According to Regulation (EC) No. 1272/2008 (CLP) SerpiCoat™
Hazard pictogram(s)	None.
Signal word(s)	None.
Hazard statement(s)	H412: Harmful to aquatic life with long lasting effects.
Precautionary statement(s)	P273: Avoid release to the environment. P501: Dispose of contents in accordance with local, state or national legislation.
2.3 Other hazards	None.
2.4 Additional Information	None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

Hazardous Ingredient(s)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Silicon dioxide	7631-86-9	231-545-4 / 01-2119379499-16-XXXX	20-25	Not classified.	None
Titanium dioxide	13463-67-7	236-675-5 / 01-2119489379-17-XXXX	10-15	Not classified	None
Kaolin	1332-58-7	310-194-1 / None assigned	5-10	Not classified	None
Zinc oxide	1314-13-2	215-222-5 / 01-2119463881-32-XXXX	1-5	Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS09
Propane-1,2-diol	57-55-6	200-338-0 / 01-2119456809-23-XXXX	1-5	Not classified.	None

3.3 Additional Information

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

Wash with plenty of water.

Eye Contact

Flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, obtain medical attention.

Ingestion

Wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

Coughing, Increased difficulty in breathing.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media

As appropriate for surrounding fire.

Unsuitable extinguishing media

Water spray.

5.2 Special hazards arising from the substance or mixture

Decomposes in a fire giving off toxic fumes: Oxides of carbon.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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|------------|--|--|
| 6.1 | Personal precautions, protective equipment and emergency procedures | Provide adequate ventilation. Stop leak if safe to do so. Wash hands thoroughly after handling. |
| 6.2 | Environmental precautions | Avoid release to the environment. |
| 6.3 | Methods and material for containment and cleaning up | Adsorb spillages onto sand, earth or any suitable adsorbent material. Collect spillage. Transfer to a lidded container for disposal or recovery. |
| 6.4 | Reference to other sections | See Also Section: 8, 13. |

SECTION 7: HANDLING AND STORAGE

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|------------|---|---|
| 7.1 | Precautions for safe handling | Provide adequate ventilation. Wash hands thoroughly after handling. Do not eat, drink or smoke during work. |
| 7.2 | Conditions for safe storage, including any incompatibilities | Store in a cool/low-temperature, well-ventilated (dry) place. |
| | Storage temperature | Ambient. |
| | Storage life | Stable under normal conditions. |
| | Incompatible materials | None known. |
| 7.3 | Specific end use(s) | Asbestos encapsulant. |

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Silicon dioxide (Inhalable Dust)	7631-86-9	-	6	-	-	
Silicon dioxide (Respirable Dust)		-	2.4	-	-	
Titanium dioxide (Inhalable Dust)	13463-67-7	-	10	-	-	
Titanium dioxide (Respirable Dust)		-	4	-	-	
Kaolin (Respirable Dust)	1332-58-7	-	2	-	-	
Propane-1,2-diol (Total vapour and particulates)	57-55-6	150	474	-	-	
Propane-1,2-diol (Particulates)		-	10	-	-	

Source: UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020).

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|--------------|---|---|
| 8.1.2 | Biological limit value | Not established. |
| 8.1.3 | PNECs and DNELs | Not established. |
| 8.2 | Exposure controls | |
| 8.2.1 | Appropriate engineering controls | Provide adequate ventilation. |
| 8.2.2 | Personal protection equipment | |
| | Eye/face protection | Wear protective eye glasses for protection against liquid splashes. |



Skin protection



Wear suitable gloves if prolonged skin contact is likely.

Respiratory protection



Normally no personal respiratory protection is necessary. Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely.

Thermal hazards



Not applicable.

8.2.3 Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	White, Grey, Black.
Odour	Very Slight.
Odour threshold	Not available.
pH	8.5
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash Point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Non-flammable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	Miscible with: Water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid	Keep away from heat.
10.5 Incompatible materials	None known.
10.6 Hazardous decomposition products	No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
	Acute toxicity	Low acute toxicity.
	Skin corrosion/irritation	Non-irritant.
	Serious eye damage/irritation	Non-irritant.
	Skin sensitisation data	It is not a skin sensitiser.
	Respiratory sensitisation data	Not classified.
	Germ cell mutagenicity	There is no evidence of mutagenic potential.
	Carcinogenicity	No evidence of carcinogenicity.
	Reproductive toxicity	No evidence of reproductive effects.
	Lactation	Not classified.
	STOT - single exposure	None anticipated.
	STOT - repeated exposure	None anticipated.
	Aspiration hazard	Not classified.
11.2	Other information	None.

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Harmful to aquatic life with long lasting effects.
12.2	Persistence and degradability	Part of the components are biodegradable.
12.3	Bioaccumulative potential	No information available.
12.4	Mobility in soil	Miscible with: Water. The product is predicted to have high mobility in soil.
12.5	Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6	Other adverse effects	None.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Dispose of empty containers and wastes safely.
13.2	Additional Information	Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1	UN number	Not applicable.
14.2	UN Proper Shipping Name	Not applicable.
14.3	Transport hazard class(es)	Not applicable.
14.4	Packing Group	Not applicable.
14.5	Environmental hazards	Not classified as a Marine Pollutant.
14.6	Special precautions for user	None.
14.7	Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
	EU regulations - Authorisations and/or restrictions on use	
	Candidate List of Substances of Very High Concern for Authorisation	All chemicals are not listed.
	REACH: ANNEX XIV List of substances subject to authorisation	All chemicals are not listed.

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	All chemicals are not listed.
Community Rolling Action Plan (CoRAP)	Listed: Silicon dioxide (CAS No.: 7631-86-9), Titanium dioxide (CAS No.: 13463-67-7), Zinc oxide (CAS No.: 1314-13-2)
National regulations	None known.
15.2 Chemical Safety Assessment	Not applicable.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 2, 3,12, 14, 16

LEGEND

Hazard Pictogram(s)	GHS09:GHS: Environment
Hazard classification	Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1 Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1
Hazard Statement(s)	H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.
Precautionary Statement(s)	P273: Avoid release to the environment. P501: Dispose of contents in accordance with local, state or national legislation.
Acronyms	CAS : Chemical Abstracts Service CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures DNEL : Derived No Effect Level EC : European Community LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals STEL : Short term exposure limit STOT : Specific Target Organ Toxicity UN : United Nations vPvB : very Persistent and very Bioaccumulative
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