


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 2; Toxic to aquatic life with long lasting effects.
2.2 Label elements	
Product Name	According to Regulation (EC) No. 1272/2008 (CLP)
Hazard pictogram(s)	SerpiCoat™ 
Signal word(s)	GHS09 None.
Hazard statement(s)	H411: Toxic to aquatic life with long lasting effects. EUH208: Contains: Chlorothalonil. May produce an allergic reaction.
Precautionary statement(s)	P273: Avoid release to the environment. P391: Collect spillage.
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
Chlorothalonil	1897-45-6	217-588-1 / None assigned	<0.5	Skin Sens. 1 H317 Eye Dam. 1 H318 Acute Tox. 2 H330 STOT SE 3 H335 Carc. 2 H351 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS06 GHS05 GHS08 GHS07 GHS09

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

- 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





- 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/m³)	STEL (ppm)	STEL (mg/m³)	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 (Third edition, published 2018).

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	Toxic 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

14.1	UN number	UN 3082
14.2	UN Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains: Zinc oxide)
14.3	Transport hazard class(es)	9
14.4	Packing Group	III
14.5	Environmental hazards	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)
None known.

National regulations

15.2 Chemical Safety Assessment

Not applicable.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 2-3, 8, 11, 15-16

LEGEND

Hazard Pictogram(s)



GHS09

GHS05: GHS: Corrosion

GHS06: GHS: Skull and crossbones

GHS07: GHS: Exclamation mark

GHS08: GHS: Health hazard

Hazard classification

Skin Sens. 1 : Skin sensitization, Category 1

Eye Dam. 1 : Serious eye damage/irritation, Category 1

Acute Tox. 2 : Acute toxicity, Category 2

STOT SE 3 : Specific target organ toxicity — single exposure, Category 3

Carc. 2 : Carcinogenicity, Category 2

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)

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H330: Fatal if inhaled.

H335: May cause respiratory irritation.

H351: Suspected of causing cancer.

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.

P391: Collect spillage.

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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