SteriCoat™ SteriPrime SP40

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Issue date: 8/29/2020 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : Stericoat SteriPrime SP40

Product identity : 4018139

Product type : Water-borne paint

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Field of application : Decoration of interior walls and ceilings. Applied by brush roller & spray. See container for details.

Identified uses : Consumer applications.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Chem X Ltd
Godfrey Suite, St Margarets, Leeds Old Road, Bradford, West Yorkshire, BD3 8JXB
United Kingdom
Phone- Number: + 44 (0) 333 3355499
e-mail: info@chem-x.uk

1.4. Emergency telephone number

Emergency number : + 44 (0) 333 3355499
Only available during office hours.
9:00 - 17:00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

Classification according to Directive 1999/45/EC [DPD]

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Not classified.

See Section 16 for the full text of the R-phrases declared above.

See Section 11 for more detailed information on health effects and symptoms.

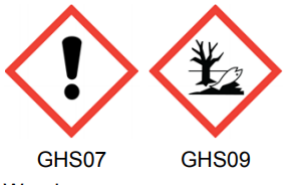
Adverse physicochemical, human health and environmental effects

No data available.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



GHS07 GHS09

Signal word : Warning

Hazard statements : No known significant effects or critical hazards.

H319 – Causes serious eye irritation

H410 – Very toxic to aquatic life with long lasting effects.

Precautionary statements :

General : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand. Do not get in eyes, on skin, or on clothing. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. Dispose of contents and container in accordance with all local, regional, national and international regulations

Hazardous ingredients : Not applicable.

Supplemental label Elements : Contains 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (mixture 3:1). May produce an allergic reaction. Safety data sheet available on request.

Special packaging requirements

Containers to be fitted with child - resistant fastenings : Not applicable

Tactile warning of danger : Not applicable

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Regulation (EC) No. 1272/2008 [CLP]
REACTION MASS SILVER CHLORIDE WITH TITANIUM DIOXIDE		10-20	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Docusate sodium	(CAS-No.) 577-11-7 (EC-No.) 209-406-4	5-10	Skin Irrit. 2, H315 Eye Dam. 1, H318
Ethanol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6	1-3	Flam. Liq. 3, H226

SECTION 4: First aid measures

4.1. Description of first aid measures

General : In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

First-aid measures after inhalation : Move to fresh air. If experiencing respiratory symptoms seek medical advice/attention.

First-aid measures after skin contact : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.If skin irritation occurs: Consult a doctor/medical service.

First-aid measures after eye contact : Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. In all cases of doubt, or when symptoms persist, seek medical attention.

First-aid measures after ingestion : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting unless directed to do so by medical personnel. Lower the head so that vomit will not re-enter the mouth and throat.

4.2. Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : No known significant effects or critical hazards.
No specific data.

Inhalation : No specific data.

Skin contact : No specific data.

Ingestion : No known significant effects or critical hazards.

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. Alcohol resistant foam, carbon dioxide (CO2), powder, water spray.

5.2. Special hazards arising from the substance or mixture

Hazards from the substance or mixture : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous combustion products : Decomposition products may include the following materials: carbon oxides metal oxide/oxides

5.3. Advice for firefighters

Firefighting instructions : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear breathing apparatus if exposed to vapours/dusts/aerosols. Turn leaking containers leak side up to prevent escape of liquid. Exclude sources of ignition and ventilate the area. Floors may become slippery. Refer to protective measures listed in sections 7 and 8. No action shall be taken involving any personal risk or without suitable training.

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : In case of fire: Wear self-contained breathing apparatus. Wear suitable protective clothing. Wear recommended personal protective equipment. Refer to section 8.

6.2. Environmental precautions

Do not allow to enter into ground-water, surface water or drains.
Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).6.3. Methods and material for containment and cleaning up.

Methods for cleaning up : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash
spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g.
sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13).Clean up, preferably with a detergent and water - avoid use of solvents.

Other information : No information available.

6.4. Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

Never use pressure to empty; the container is not a pressure vessel. Always keep in the same material as the supply container. Good housekeeping standards and regular safe removal of waste materials will minimise risks of spontaneous combustion and other fire hazards. The Manual Handling Operations Regulations may apply to the handling of containers of this product. Packs with a volume content of 5 litres or more may be marked with a maximum gross weight. To assist employers the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity (relative density) value given in section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in accordance with local regulations. Store in a cool, well-ventilated area away from incompatible materials and ignition sources.

Storage temperature : Do not store below the following temperature: 5 °C

7.3. Specific end use(s)

See separate Product Data Sheet for recommendations or industrial sector specific solutions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNEL/ PNEC Values				
Hazardous ingredients:				
None present				
TYPE	EXPOSURE	VALUE	POPULATION	EFFECT

8.2. Exposure controls

Appropriate engineering controls:
All engineering control measures used to control exposure to hazardous substances must be selected, maintained, examined and tested to meet the requirements of the Control Of Substances Hazardous to Health regulations (COSHH). Similarly all personal protective equipment, including respiratory protective equipment, must be selected, issued and maintained to meet the requirements of COSHH.
These requirements include the provision of any necessary information, instruction and training with regard to their use. Special precautions should be taken during surface preparation of pre-1960's paint surfaces over wood and metal as they may contain harmful lead.

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of solvent vapour below the relevant workplace exposure limits, suitable respiratory protection should be worn. (See personal protection below). Dry sanding, flame cutting and/ or welding of the dry paint film will give rise to dust and/ or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be worn.

Personal protective equipment:
Gloves. Skin protection, Protective clothing.Respiratory protection not required. Safety glasses.

Materials for protective clothing:

Gloves must be worn for all work that may result in soiling. Apron/coveralls/protective clothing must be worn when soiling is so great that regular work clothes do not adequately protect skin against contact with the product. Safety eyewear should be used when there is a likelihood of exposure.

Hand protection:

Wear chemical-resistant gloves (tested to EN374) in combination with 'basic' employee training. The quality of the chemical-resistant protective gloves must be chosen as a function of the specific workplace concentrations and quantity of hazardous substances.

Since the actual work situation is unknown. Supplier of gloves should be contacted in order to find the appropriate type. Below listed glove(s) should be regarded as generic advice:

Recommended: Silver Shield / 4H gloves, nitrile rubber, neoprene rubber, butyl rubber, natural rubber (latex), polyvinyl alcohol (PVA), polyvinyl chloride (PVC), Viton®

Eye protection:
Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin and body protection:
Personal protective equipment for the body should be selected based on the task being performed and the risks involved handling this product.

Respiratory protection.
If working areas have insufficient ventilation: When the product is applied by means that will not generate an aerosol such as, brush or roller wear half or totally covering mask equipped with gas filter of type A, when grinding use particle filter of type P. Be sure to use an approved/certified respirator or equivalent.

Personal protective equipment symbol(s):

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke during use. Wash hands and face before breaks and immediately after handling of the product. Remove contaminated clothes.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Odour	:	Non-characteristic.
Odour threshold	:	No data available
pH	:	7 - 9
Relative evaporation rate (butylacetate=1)	:	Testing not relevant or not possible due to nature of the product.
Melting point/Freezing point	:	0°C This is based on data for the following ingredient: water
Boiling point/boiling range	:	Testing not relevant or not possible due to nature of the product.
Flash point	:	May be combustible at high temperature.
Auto-ignition temperature	:	Testing not relevant or not possible due to nature of the product.
Decomposition temperature	:	Testing not relevant or not possible due to nature of the product.
Flammability (solid, gas)	:	May be combustible at high temperature.
Vapour pressure	:	3.17 kPa This is based on data for the following ingredient: water
Relative vapour density at 20 °C	:	Testing not relevant or not possible due to nature of the product.
Relative density	:	1.404 g/cm³
Solubility	:	Easily soluble in the following materials: cold water and hot water.
Partition coefficient n-octanol/water (Log Pow)	:	Testing not relevant or not possible due to nature of the product.
Viscosity, kinematic	:	Testing not relevant or not possible due to nature of the product.
Viscosity, dynamic	:	Testing not relevant or not possible due to nature of the product.
Explosive properties	:	Explosive in the presence of the following materials or conditions: open flames, sparks and static discharge and heat
Oxidising properties	:	Testing not relevant or not possible due to nature of the product.

9.2. Other information

Solvent(s) % by weight	:	Weighted average: 3 %
Water % by weight	:	Weighted average: 48 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

No specific data.

10.5. Incompatible materials

Reactive or incompatible with the following materials : Not classified

Slightly reactive or incompatible with the following materials : Not classified

10.6. Hazardous decomposition products

When exposed to high temperatures (i.e. in case of fire) harmful decomposition products may be formed: Decomposition products may include the following materials: carbon oxides metal oxide/oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

The mixture has been assessed following the conventional method and classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Acute toxicity

Acute toxicity estimates

Route	ATE value
No known significant effects or critical hazards.	

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

SECTION 12: Ecological information

12.1. Toxicity

Do not allow to enter drains or watercourses.

12.2. Persistence and degradability

Persistence and degradability :	No known data avaliable in our database.

12.3. Bioaccumulative potential

No known data avaliable in our database.

12.4. Mobility in soil

Soil/water partition coefficient (KOC) :	No known data avaliable in our database.
Mobility :	No known data avaliable in our database.

12.5. Results of PBT and vPvB assessment

Not applicable.

12.6. Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The generation of waste should be avoided or minimised wherever possible. Residues of the product is not listed as hazardous waste. Dispose of according to all state and local applicable regulations.
European waste catalogue (EWC) : 08 01 12

Packaging
Used containers, drained and/ or rigorously scraped out and containing dried residues of the supplied coating, are categorised as non-hazardous waste, with EWC code: 15 01 02 or 15 01 04. If mixed with other wastes, the above waste code may not be applicable. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN3082	UN3082	UN3082	UN3082	UN3082
14.2. UN proper shipping name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Hazard inducer – Silver Chloride)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Hazard inducer – Silver Chloride)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Hazard inducer – Silver Chloride)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Hazard inducer – Silver Chloride)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Hazard inducer – Silver Chloride)
Transport document description				
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Hazard inducer – Silver Chloride), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Hazard inducer – Silver Chloride), 9, III, (-) MARINE POLLUTANT	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Hazard inducer – Silver Chloride), 9, III,	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Hazard inducer – Silver Chloride), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Hazard inducer – Silver Chloride), 9, III

14.3. Transport hazard class(es)

9	9	9	9	9
				

14.4. Packing group

III	III	III	III	III

14.5. Environmental hazards

Dangerous for the enviroment: Yes	Dangerous for the enviroment: Yes Marine pollutant: Yes	Dangerous for the enviroment: Yes	Dangerous for the enviroment: Yes	Dangerous for the enviroment: Yes

No supplementary information available

14.6. Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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

15.1.1. EU-Regulations

EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorisation - Substances of very high concern None of the components are listed.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.
Not applicable.

15.1.2. National regulations

Germany

Employment restrictions	:	Observe restrictions according Act on the Protection of Working Mothers (MuSchG) Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)
Water hazard class (WGK)	:	WGK 1, Slightly hazardous to water (Classification according to VwVwS, Annex 3; ID No. 6516)
Hazardous Incident Ordinance (12. BImSchV)	:	Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen	:	Ethanol listed.
SZW-lijst van mutagene stoffen	:	The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	:	Ethanol listed.
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	:	Ethanol listed.
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	:	Ethanol listed.

15.2. Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Abbreviations and acronyms:	
SDS	Safety Data Sheet
CAS	CAS - Chemical Abstracts Service
GHS	GHS - Globally Harmonised System
CSR	CSR - Chemical Safety Report
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
PVC	PVC (Polyvinyl chloride).
PNEC	Predicted No-Effect Concentration
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

Sources of Key data : Supplier information.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.