

# MATERIAL SAFETY DATA SHEET

Version  
1.2

Revision Date  
01-06-2021

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME:** Concrete Retarder Film **DATE:** 01-06-2021  
**FUNCTION:** Concrete Surface Retarder **REV:** 1.2  
**COMPANY:** ShutterStrip Concrete Solutions Ltd  
**ADDRESS:** 13 Palmarsh Crescent, Hythe Kent, CT216NU  
**Contacts:** [enquiries@shutterstrip.co.uk](mailto:enquiries@shutterstrip.co.uk) Tel: 07392 950315

## 2. HAZARDS IDENTIFICATION

Physical : None  
Health : None  
Environmental : None  
Chronic : None known

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

None of the ingredients of this product are classified as hazardous.  
All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt. Refer to sections 8 for Occupational Exposure Limits.

## 4. FIRST AID MEASURES

If inhaled : Move to fresh air in case of accidental inhalation of vapours.  
Oxygen or artificial respiration if needed.  
Call a physician or poison control centre immediately.

In case of skin contact : Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.  
If symptoms persist, call a physician.

In case of eye contact : Remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.

If swallowed : Do not induce vomiting without medical advice.  
If conscious, drink plenty of water.  
Never give anything by mouth to an unconscious person.

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Foam  
Carbon dioxide (CO<sub>2</sub>)

	ABC powder Water mist
Specific hazards during fire-Fighting :	Burning produces irritant fumes. Exposure to decomposition products may be hazard to health. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire-fighting to enter drains or water Courses.
Specific extinguishing methods :	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be Disposed of in accordance with local regulations.
Special protective equipment for fire-fighters :	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Exposure to decomposition products may be a hazard to health.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures :	Use personal protective equipment. Ensure adequate ventilation. Material can create slippery conditions. Use non-slip safety shoes in areas where spills or leaks can occur.
Environmental precautions :	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Do not allow contact with soil, surface or ground water. Do not allow uncontrolled discharge of product into the Environment.
Methods and materials for containment and cleaning up :	Contain spillage, pick up with an electrically protected vacuum cleaner or by wet-brushing and transfer to a container for disposal according to local regulations. Soak up with inert absorbent material(e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel. Pick up and transfer to properly labelled containers. Clean contaminated floors and objects thoroughly while observing environmental regulations.

## 7. HANDLING AND STORAGE

Advice on protection against fire and explosion :	The product is not flammable. No special protective measures against fire required.
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Advice on safe handling	:	Wear personal protective equipment. Handle with care. Take care to avoid waste and spillage when weighing, loading and mixing the product.
Conditions for safe storage	:	No smoking. Keep in properly labeled containers. Keep containers tightly closed in a dry, cool and well-ventilated place
Materials to avoid	:	Do not freeze. Keep away from food and drink. Keep away from tobacco products.

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

<b>Engineering measures</b>	:	Handle only in a place equipped with local exhaust (or other appropriate exhaust). Maintain air concentrations below occupational exposure standards.
<b>Personal protective equipment</b>		
Respiratory protection	:	No personal respiratory equipment required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
<b>Hand protection material</b>	:	impervious gloves
<b>Eye protection</b>	:	Safety glasses with side shields Tightly fitting safety goggles Face shield
<b>Skin and body protection</b>	:	Chemical resistant apron. Footwear protecting against chemicals Skin should be washed after contact. Change working clothes after each work shift.
<b>Protective measures</b>	:	Avoid contact with skin. When using do not eat, drink or smoke. Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
<b>Hygiene measures</b>	:	Do not smoke. Keep away from food and drink. Avoid contact with skin, eyes and clothing. Change working clothes after each work shift. Remove and wash contaminated clothing and gloves, including the

inside, before re-use.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance (state)</b>	:	Solid film
<b>Boiling Point</b>	:	No data available
<b>Specific Gravity</b>	:	1.15-1.2
<b>PH</b>	:	Not determined
<b>Vapour pressure</b>	:	No data available
<b>Solubility in Water</b>	:	Soluble in Water
<b>Solubility in other solvents</b>	:	Not determined
<b>Appearance (colour)</b>	:	Brownish
<b>Odour</b>	:	No data available

#### 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	:	Stable
<b>Possibility of hazardous reactions</b>	:	Stable under recommended storage conditions
<b>Condition to avoid</b>	:	Protect from frost.
<b>Incompatible materials</b>	:	Oxidizing agents Strong acids and strong base
<b>Hazardous decomposition products</b>	:	Carbon dioxide (CO <sub>2</sub> ), carbon monoxide(CO), oxides of nitrogen(NO <sub>x</sub> ), dense black smoke will not occur
<b>Hazardous Polymerization</b>	:	Will not occur

#### 11. TOXICOLOGICAL INFORMATION

<b>Special hazard information on components</b>	:	None
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#### 12. ECOLOGICAL INFORMATION

<b>Biodegradation</b>	:	Degradable
<b>Bioaccumulation</b>	:	No information is available
<b>Aquatic Toxicity</b>	:	None
<b>Other Information</b>	:	None

#### 13. DISPOSAL CONSIDERATION

<b>Disposal methods</b>	:	Do not dispose of waste into sewer. Dispose of in accordance with local regulations.
<b>Waste from residues</b>	:	
<b>Contaminated packaging</b>	:	Empty containers should be taken to an approved waste handling

site for recycling or disposal.

#### 14. TRANSPORT INFORMATION

##### **International Regulation**

Not regulated by DOT.

##### **UNRTDG**

Not regulated as a dangerous good.

##### **IATA-DGR**

Not regulated as a dangerous good.

##### **IMDG-Code**

Not regulated as a dangerous good.

##### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

#### 15. REGULATORY INFORMATION

##### **National legislation**

Contact for more information.

#### 16. OTHER INFORMATION

No specific Notes

##### **Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material use in combination with any other materials or any process, unless specified in the test.