

IDENTIFICATION

PRODUCT NAME : SurfCHECK®

COMPANY : Foamtec International Co., Ltd.

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Material 1 : **Irgastat Conductive Polymer**

1.1 HAZARD IDENTIFICATION

NOT APPLICABLE

1.2 COMPOSITION / INFORMATION ON INGREDIENTS

CAS Number	Product Name	Content	Symbol(s)	R-Phraso(s)
007791-07-3	Sodium-perchlorate, monohydrate	< 5%	O - Xn	R09-R22

1.3 FIRST AID MEASURES

SKIN CONTACT : Wash off with soap and plenty of water. Do not use organic solvents.

EYE CONTACT : Rinse immediately with plenty of water for at least 15 minutes. In case of eye irritation, seek medical attention.

INHALATION : Move to fresh air. In case of prolonged exposure, seek medical attention.
In case of indisposition, seek medical attention. In case of irritation of respiratory system or mucous membranes, seek medical attention.

INGESTION : Immediately give plenty (> 500 ml) of water (if possible charcoal slurry).
In case of spontaneous vomiting be sure that vomitus can freely drain
due

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of danger of suffocation. Give water repeatedly. Artificial induction of vomiting should be restricted to first aid staff. Give nothing by mouth in cases of unconsciousness or convulsion. Seek medical advice.

1.4 FIRE - FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA : Water spray, Carbon dioxide (CO₂), Foam, Dry powder.

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS

: High volume water jet.

EXPOSURE HAZARDS

: Contaminated water from fire hoses or sprinklers, etc., must be prevented from draining into watercourses, sewers, or the ground water. Sufficient measures must be taken to retain water used for extinguishing. Contaminated water and soil must be disposed of in conformity with local regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

: Wear full protective clothing. Wear self-contained breathing apparatus.

HAZARDOUS DECOMPOSITION PRODUCTS

: Oxides of carbon, Oxides of nitrogen (NO_x), Oxides of phosphorus, Toxic gases/vapours.

1.5 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

: Do not breathe vapours/dust. Remove all sources of ignition. Avoid contact with skin, eyes and clothing.

ENVIRONMENTAL PRECAUTIONS

: Do not flush into surface water, sanitary sewer or ground water system.

METHODS FOR CLEANING UP

: Use mechanical handling equipment. Collect the spilled product into suitable containers, which must be tightly sealed and properly labelled. Avoid dust formation.

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1.6 HANDLING AND STORAGE

- HANDLING** : Avoid dust formation and ignition sources. Ensure good local exhaust ventilation. Do not eat, drink or smoke at the workplace.
- STORAGE** : Keep away from food and drink. Store in the original container securely closed.

1.7 EXPOSURE CONTROLS PERSONAL PROTECTION

- EXPOSURE LIMIT(S)** : Value not tested.
- TECHNICAL MEASURES / PRECAUTIONS** : No special precautions required.
- RESPIRATORY PROTECTION** : Effective dust mask.
- HAND PROTECTION** : Protective gloves.
- EYE PROTECTION** : Suitable goggles or face protection.
- SKIN AND BODY PROTECTION** : Working clothes, Closed footwear.

1.8 PHYSICAL AND CHEMICAL PROPERTIES

- FORM** : Pastilles.
- COLOUR** : White.
- ODOUR** : Odourless.
- MELTING / FREEZING TEMPERATURE** : 170 - 180° C

1.9 STABILITY AND REACTIVITY

- DECOMPOSITION TEMPERATURE** : Not tested.
- CONDITIONS TO AVOID** : Static discharges.
- MATERIALS TO AVOID** : Strong acids, strong bases and strong oxidising agents.
- HAZARDOUS DECOMPOSITION PRODUCTS** : Oxides of carbon, Oxides of nitrogen (NO_x), Oxides of phosphorus, Toxic gases/vapours.
- FURTHER INFORMATION** : In contact with oxidisable material sodium perchlorate may explode when ignited.

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1.10 TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY	LD50 > 2000 mg/kg	EEC 88/379
Rat		Conventional Method
ACUTE DERMAL	Not irritant	EEC 88/379
IRRITATION/CORROSION		Conventional Method
Rabbit		
ACUTE EYE IRRITATION/CORROSION	Not irritant	EEC 88/379
Rabbit		Conventional Method
ACUTE SKIN SENSITISATION	Not sensitising	EEC 88/379
Guinea pig		Conventional Method

1.11 ECOLOGICAL INFORMATION

NOT APPLICABLE

1.12 DISPOSAL CONSIDERATION

NOT APPLICABLE

1.13 TRANSPORT INFORMATION

NOT APPLICABLE

1.14 REGULATORY INFORMATION

NOT APPLICABLE

1.15 OTHER INFORMATION

NOT APPLICABLE

UNCONTROLLED

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Safety Data Sheet

Material 2 : Polyester

2.1 HAZARD IDENTIFICATION

INHALATION	: No
SKIN	: No
INGESTION	: No
OSHA	: No
HEALTH HAZARDS ACUTE AND CHRONIC	: Product is in solid form and will not become airborne except under extreme conditions. Even then it shows no toxic reaction.
SIGNS AND SYMPTOMS OF OVEREXPOSURE	: None.

2.2 COMPOSITION / INFORMATION ON INGREDIENTS

Polyester

2.3 FIRST AID MEASURES

Use normal first aid procedures.

2.4 FIRE - FIGHTING MEASURES

FLASH POINT (METHOD USED)	: Marked Class I "Did Not ignite" by test method ASTM D1230-1994
FLAMMABLE LIMITS	: Marked Class I "Did Not ignite" by test method ASTM D1230-1994
EXTINGUISHING MEDIA	: Self-extinguishing-water or other class a extinguish agent.
FIRE FIGHTING PROCEDURES	: Use niosh/MSHA approved SCBA in an enclosed area in fires.
UNUSUAL FIRE / EXPLOSION HAZARD	: None indicated by the MFR.

2.5 ACCIDENTAL RELEASE MEASURES

NOT APPLICABLE

2.6 HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS	: Store in a cool, dry, well ventilated area.
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Material 2 : Polyester

2.7 EXPOSURE CONTROLS PERSONAL PROTECTION

NOT APPLICABLE

2.8 PHYSICAL AND CHEMICAL PROPERTIES

MELTING Pt : 250 – 252 °C
 SPEC GRAVITY : 1.15
 SOLUBILITY IN WATER : Insoluble.
 APPEARANCE AND ODOR : White color with a knitting fabrics apperance, no odor.

2.9 STABILITY AND REACTIVITY

NOT APPLICABLE

2.10 TOXICOLOGICAL INFORMATION

NOT APPLICABLE

2.11 ECOLOGICAL INFORMATION

NOT APPLICABLE

2.12 DISPOSAL CONSIDERATION

NOT APPLICABLE

2.13 TRANSPORT INFORMATION

NOT APPLICABLE

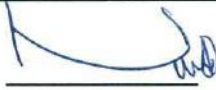

2.14 REGULATORY INFORMATION

NOT APPLICABLE

2.15 OTHER INFORMATION

NOT APPLICABLE

UNCONTROLLED

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