



SMARTNIX

Material Safety Data Sheet

HVAC Duct Sealant

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company name: Smart Source Technologies

Product name: SMARTNIX SST -110E HVAC duct sealant

E-mail: bsmart.source@gmail.com

SECTION 2: HAZARDS IDENTIFICATION

Fatalness grade: According to regulations GB12268-2012, No damage.

Invasion route: Skin contact, eye contact, ingestion.

Health Hazards: The product would not cause any adverse health hazard under normal circumstances.

Environment hazards: No known significant influence and harm.

Precautions: Wear protective gloves, glasses, Wash hands with soapy water after handling.

SECTION 3: COMPONENTS INFORMATION

Chemical Name	Proportion	CAS
Acrylic emulsion	40~60%	25085-34-1
Calcium carbonate	25~40%	1317-65-3
Bis(2-ethylhexyl) phthalate	2~5%	117-81-7

SECTION 4: FIRST AID MEASURES

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Skin touch: Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes.

Eyes touch: Immediately start continuous flushing of eyes with water for at least 15 minutes. If easy to do, contact lenses should be removed during the flushing, by trained personnel. Hold the eyelids apart during the flushing to ensure rinsing the entire surface of the eye and lids with water. Get medical attention immediately.

Inhalation: Remove person to fresh air. Get medical advice if breathing becomes difficult.

Ingestion: Rinse mouth with water. Do not induce vomiting, give a glass of water to dilute and get medical advice immediately. Never give anything by the mouth an unconscious patient. If vomiting occurs, give further water.

SECTION 5: FIRE FIGHTING MEASURES

Danger characteristic: The product is not dangerous goods.

Hazardous Combustion Products: Fumes from complete or incomplete combustion of this material may include carbon dioxide carbon monoxide.

Fire-fighting method & media: Use dry chemical fire, foam or water spray. On small fires use carbon dioxide, dry chemicals or water spray. With water cooling exposed container fire. When extinguishing fires caused by chemical substances, they should wear self-contained breathing apparatus and protective clothing. According to local emergency plans, to decide whether to evacuate or isolate the area. Watering the cooling disaster.

Fire extinguishing advice: Firefighters must be protective clothing, including respiratory protection.

SECTION 6: HANDLING AND STORAGE

Handling: No suitable for handled with hand indirectly. Wear the appropriate personal protection equipment, such as gloves and glasses, to prevent eyes and skin contact it.

Storage: Store in dry and ventilated warehouse. Be far away from sources of ignition and heat. Stored

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in separated place against oxidant, acids, and alkalis and should not be swapped.

Be not stored in long time to avoid out of date. Prepare the related suitable extinguisher with full quantity; There are suitable containers to pick up the leaking powder.

SECTION 7: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Ensure the working area is well ventilated.

Respiratory protection: Air concentrations exceeding the dust, wear self-absorption filter respirators. Emergency rescue or evacuation, air respirator should be worn.

Eyes protection: Wear protective glasses.

Body protection: Wear rubber resistant to acid and alkali.

Feet: Safety shoes.

Respiratory: A respirator is not needed under normal and intended conditions of product use.

Hands protection: Wear suitable protective gloves of neoprene or synthetic rubber.

Other protection: No smoking, dinning and drinking water in the workplace. Keep good habit of hygiene. After operation, take a shower. Pay attention to personal hygiene.

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Paste

Color: Grey

Odor: Low odor

Relative density: 1.63g/cm³

PH: Not applicable

Pressure: Not available.

Flash Point: Not applicable.

Solubility: Solubility

Ignition temperature: None

End Uses: Adhesion

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SECTION 9: STABILITY AND REACTIVITY DATA

Stability: Stable under normal temperature.

Conditions to avoid: Fire, Heat, Strong oxidants, Strong reducing agents.

Hazardous Polymerization: Has not been reported.

Hazardous Decomposition Products: None.

SECTION 10: TOXICOLOGICAL INFORMATION

Acute toxicity: No date.

Carcinogenicity: None

Sub-acute and chronic toxicity: May irritate eyes, respiratory system and skin.

Irritation: None

Mutagenicity: None

Sensitization: None

Eco-toxicity: No date.

Biodegradable: Soluble in water.

Non-biodegradable: No date.

Other harmful effects: No date.

SECTION 11: DISPOSAL CONSIDERATIONS

Waste disposal methods: All waste must be referring to the United Nations, national and local regulations for disposal, the dumped or discarded material may be regard as a restrictive waste referring to local regulations.

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Cleaned containers containing this substance were also required treatment. Comply with waste law. Atmospheric Pollution Act and water pollution law for disposal.

SECTION 12: TRANSPORTATION INFORMATION

Not regulated by IMDG/IMO Number of dangerous goods: No data.

UN Number: No data

Packaging mark: No data

Kinds if packing: No dangerous goods

Marine pollutant: No

Packaging method: Cartridge and Sausage

Transport attentions: When complete packaging to shipment, loading should be safe. During transport to ensure that the container does not leak, did not fall, do not fall, no damage. When used in transport groove (tank) cars should be grounded chain, tank can be installed to reduce the partition hole static on shock products. Strictly prohibited and oxidants, shouting class, food chemicals mixed operation. According to the provisions road transport routes when traveling, not in residential areas and densely populated areas to listen to stay, transport vehicles should be thoroughly cleaned completed.

SECTION 13: REGULATORY INFORMATION

Regulatory information: Chemical Dangerous Goods Safety Management Regulations (February 17, 1987 the State Council). The Regulations of Chemical Dangerous Goods Safety Management Regulations (the labor Fa [1992] No.677), the workplace safe use of chemicals ([1996] labor department No.423) and other regulations for the safe use of hazardous chemicals, production, storage, transport, handling, etc. are made corresponding provisions. Please note that waste disposal should meet local regulatory requirements.

SECTION 14: OTHER INFORMATION

Note: This information comes from our current knowledge of the product and the detection of the product, but this does not guarantee any specific nature of the product, which is used as a reference for the user, but does not constitute a contractual relationship.

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