



SMART SOURCE TECHNOLOGIES

Material Safety Data Sheet

GP Silicone Neutral Sealant

SECTION 1: Identification of the Product and the Company

Company name: Smart Source Technologies

Product name: SMARTNIX SST- 220N

E-mail: bsmart.source@gmail.com

SECTION 2: Hazards Identification

GHS Classification:

Skin corrosion/irritation, Category 2

Serious eye damage/eye irritation, Category 2A

Skin sensitization, Category 1

Hazard summary:

Physical hazards : None

Health hazards:

Inhalation : No data available.

Eye contact : Causes serious eye irritation.

Skin contact : Causes skin irritation. May cause an allergic skin reaction.

Ingestion : No data available.

Other Health Effects : No other information noted.

Environmental hazards : Not regarded as dangerous for the environment. Label elements: Hazard pictograms

Label elements:

Hazard pictograms



Signal word : Warning

Hazard statements : H315-Causes skin irritation.

: H319-Causes serious eye irritation.

: H317-May cause an allergic skin reaction.

Precautionary statements:

Prevention : Avoid breathing dust/fume/gas/mist/vapors/spray.

: Wash contact parts thoroughly after handling.

: Contaminated work clothing should not be allowed out of workplace.



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: Wear protective gloves/protective clothing/eye protection/ face protection.

Response

: IF ON SKIN: Wash with plenty of soap and water.

: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens, if present and easy to do. Continue rinsing.

: If eye irritation persists: Get medical advice/attention.

: If skin irritation or rash occurs: Get medical advice/attention.

: Take off contaminated clothing and wash it before reuse.

Storage

: No applicable.

: Dispose of contents/container in accordance with local regulations.

SECTION 3: Composition/Information on Ingredients

>>> Mixture

General information:

Chemical name	Concentration	CAS No.
Organic Silicone	31	70130-67-8
Methyl Silicone	1.5	9006-65-9
Methyl Silane in Cylinder	6	22984-54-9
Inorganic Filler	60	471-34-1
Dibutyltin Dilaurate	0.5	77-58-7
Amino Silane	1	919-30-2

SECTION 4: First Aid Measures

General information

: Get medical attention if symptoms occur. Contaminated clothing to be placed in closed container until disposal or decontamination.



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Description of first aid measures:

Inhalation	: Move into fresh air and keep at rest.
Skin contact	: Remove contaminated clothing and shoes. Wash with soap and water.
Eye contact	: Immediately rinse with clean water. Continue to rinse for at least 15 minutes.
Ingestion	: Get medical attention.

Most important symptoms and effects,

both acute and delayed :No data available.

Indication of any immediate medical attention and special treatment needed : No data available.

SECTION 5: Firefighting measures

General fire information : No data available.

Extinguishing media:

Suitable extinguishing media : Extinguish with foam, carbon dioxide or dry powder.

Unsuitable extinguishing media : Water.

Special hazards : Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors, nitrogen oxides and amorphous silica.

Advice for firefighters:

Special fire fighting procedures : Water spray should be used to cool containers.

Special protective equipment for fire-fighters : Self-contained breathing apparatus and full protective Clothing must be worn.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures : Avoid contact with skin and eyes. Do not breathe vapor. Ventilate the area. Use personal protective equipment. See Section 8 of the SDS.

Environmental precautions : Collect spillage. Do not discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up : Containers with collected spillage must be properly labelled. Keep container tightly closed. Absorb with sand or other inert absorbent. To clean the floor and all objects contaminated by appropriate solvent. Flush area with plenty of water.



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Precautions for preventing subsidiary hazard

: The ground may be slippery. Avoid slipping.

SECTION 7: Handling and storage

Precautions for safe handling

: Adequate ventilation should be provided. Work outside or in a well-ventilated room. Avoid contact with skin and eyes. Do not breathe vapor. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. Use personal protective equipment. See Section 8 of the SDS.

Conditions for safe storage

: Store in original tightly closed container. Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures. Avoid contact with oxidizing agents. Vulcanizes at room temperature on contact with moisture in the air.

Packaging materials information

: Steel drums coated with epoxy-resin.

SECTION 8: Exposure controls/ personal protection

Occupational exposure limits:

Chemical name	Type	Exposure Limit values	Source
Methylethylketoxime	TLV (TWA)	3 ppm	(U.S.A./A.C.G.I.H.)
	TLV (STEL)	10 ppm	(U.S.A./A.C.G.I.H.)

Engineering controls

: Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors. Use engineering controls to reduce air contamination to permissible exposure level.

Personal protective equipment:

General information

: Provide sufficient ventilation during operations which cause vapor formation.

Respiratory protection

: If ventilation is insufficient, suitable respiratory protection must be provided.

Hand protection

: Rubber gloves.

Eye/face protection

: Safety glasses

Skin/body protection

: Wear suitable protective clothing.

Hygiene measures

: Provide eyewash station and safety shower.

Environmental Controls

: No data available.



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SECTION 9: Physical and Chemical Properties

Physical state	: Paste
Color	: Black/White/Brown/Grey/Wood/Blue/Yellow
Odor	: Faint
Odor threshold	: No data available.
pH	: Not applicable
Melting point /freezing point(°C)	: No data available.
Boiling point, initial boiling point/ range(°C)	: No data available.
Flash point(°C)	: > 110 (Closed cup)
Flammability (solid, gas)	: No data available.
Flammability limit-upper[%(V/V)]	: No data available.
Flammability limit-lower [% (V/V)]	: No data available.
Vapor pressure (KPa)	: No data available.
Vapor density (air=1)	: No data available.
Evaporation rate	: No data available.
Relative density(water)	: 0.98(20 °C) Approximat



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Solubility:

Solubility (water)	: Practically Insoluble
Solubility (other)	: Acetone and Ethanol: Insoluble. : Petrol, White-spirit, Aromatic hydrocarbons and Chlorinated solvents: Dispersible.
Partition coefficient(n-octanol/water)	: No data available.
Autoignition temperature(°C)	: No data available.
Decomposition temperature(°C)	: No data available.
Viscosity	: No data available.
Explosive properties	: No data available.
Oxidizing properties	: Not considered as oxidizing.

SECTION 10: Stability and reactivity

Reactivity	: Vulcanized at room temperature on contact with moisture in the air
Chemical stability	: Stable at room temperature provided it is not on contact with air.
Possibility of hazardous reactions	: No data available.
Conditions to avoid	: No data available.
Incompatible materials	: Strong oxidizing agents. Water.
Hazardous decomposition products	: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors, nitrogen oxides and amorphous silica.



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SECTION 11: Toxicological information

Information on likely routes of exposure:

Inhalation	: No data available.
Ingestion	: No data available.
Skin contact	: No data available.
Eye contact	: No data available.

Information on toxicological effects:

Acute toxicity	: No data available.
Skin corrosion/irritation	: No data available.
Serious eye damage/ eye irritation	: No data available.
Respiratory or skin sensitization	: No data available.
Germ cell mutagenicity	: No data available.
Carcinogenicity	: No data available.
Reproductive toxicity	: No data available.

Specific target organ toxicity-single exposure	: No data available.
Specific target organ toxicity-repeated exposure	: No data available.
Aspiration hazard	: No data available.



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SECTION 12: Ecological information

Ecological toxicity:

Acute toxicity	: No data available.
Chronic toxicity	: No data available.
Persistence and degradability	: No data available.
Bioaccumulative potential	: No data available.
Mobility in soil	: No data available.
Results of PBT and vPvB assessment	: No data available.
Other adverse effects	: No data available.
Additional information	: No data available.

SECTION 13: Disposal considerations

Residual waste:

General information	: The user's attention is drawn to the possible existence of local regulations before disposal.
Disposal methods	: Dispose of waste in accordance with local laws and regulations, and product characteristics at time of disposal. Suggest safety incinerate. : Contaminated packages should be as empty as possible. Dispose in accordance with local laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorized site.
Disposal needing attention	: No data available.



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SECTION 14: Transport information

This material is not subject to transport regulations

Environmental hazards : Not regulated.
Special precautions for user : No special precautions.
Transport in bulk according to Annex II

of MARPOL/73/78 and the IBC Code : Not applicable.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

: Globally Harmonized System of Classification and Labelling of Chemicals (GHS).
: UN Recommendations on the Transport of Dangerous Goods - Model Regulations.

Chemical safety assessment : No data available.

SECTION 16: Other information

Revision information : No data available.

Key literature references : No data available.

Wording of the H-statements in section 2 and 3:

H227	: Combustible liquid
H302	: Harmful if swallowed.
H312	: Harmful in contact with skin.
H332	: Harmful if inhaled.
H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H319	: Causes serious eye irritation
H335	: May cause respiratory irritation.
H336	: May cause drowsiness or dizziness.
H373	: May cause damage to organs.
H351	: Suspected of causing cancer.



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Training information : No data available.

Inventory status:

Australia AICS	: On or in compliance with the inventory
Canada DSL Inventory List	: On or in compliance with the inventory
EU EINECS List	: On or in compliance with the inventory
Japan ENCS/ISHL	: On or in compliance with
China Inv. Existing Chemical Substances	: On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECL)	: On or in compliance with the inventory
Philippines PICCS	: On or in compliance with the inventory
US TSCA Inventory	: On or in compliance with the inventory
New Zealand Inventory of Chemicals	: On or in compliance with the inventory

Statement: This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility