



Material Safety Data Sheet

This documents is prepared pursuant to the OSHA Hazard Communication Standard. In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

Product Name		Mixture resin: SF-100
CAS	SF-100	

SECTION 1 Supplier's Name&Contact Information

Superior Sewing Machine & Supply LLC 48 West 25th Street New York, NY 10010 Fax: 212 807-8743 Email: superior@supsew.com Website: www.supsew.com	Emergency Telephone Number 212 691-5900	Hazard Rating		Scale
		Toxicity	1	4 = Extreme
		Fire	1	3 = High
		Reactivity	0	2 = Moderate
		Special	--	1 = Sight
Date Prepared	April 2019	0 = Insignificant		

SECTION 2 Ingredients/Identity Information

Components(Specific Chemical Identity)	Sulfonated styrene-divinylbenzene copolymer in hydrogen form 50-58%, quaternary amine divinylbenzene copolymer in the hydroxide form 60-70%
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SECTION 3 Hazards Identification

Hazards identification:	Hazard warning not required.
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SECTION 4 First-aid Measures

Upon inhalation of aerosol/vapour/dust: Take the patient into the fresh air; If there is difficulty in breathing, medical advice is required.

Skin contact: After contact with skin, wash immediately with plenty of water and soap. Take of immediately all contaminated clothing.

Eye contact: Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. Eventually a doctor (or eye specialist) should be consulted.

After swallowing: If product is swallowed, make the patient drink water. Wash out mouth repeatedly. If the patient feels unwell, seek medical advice.

SECTION 5 Fire-fighting measures

Extinguishing media: CO₂, foam, dry powder; in case of larger fires, water spray should be used.

Firemen have to wear self-contained breathing apparatus.

SECTION 6 Accidental release measures

Take up mechanically, fill into labeled, closable containers. Spilled product causes a risk of slipping.

SECTION 7 Handling and storage

Precautions should generally be taken against electrostatic charges according to the equipment used and the way the product is handled and packaged. Static charges lead to agglomeration of dry beads. Prevent heating above +40°C and cooling below - 20°C.

Do not allow to dry out.

VCI storage class: II .

Storage period 24 months.

SECTION 8 Exposure controls/Personal protection

Wear goggles.

Hand protection: Wear suitable protective gloves. After contamination with product change the gloves immediately and remove them according to relevant national and local regulations.

Avoid contact with eyes and skin.

Keep away from food and drink stuffs.

Do not eat, drink or smoke at work.

Wash hands before breaks and at end of work and use skin-protecting ointment.

SECTION 9 Physical/Chemical properties

Form: beads

Odour: less amine

Colour: light yellow to brown

Solubility in water: not applicable.

Boiling Point, initial point and Boiling range: Not available.

Flash Point: Not available.

SECTION 10 Stability and reactivity

Thermal decomposition: No thermal decomposition when stored and handled correctly.

Hazardous decomposition products: No hazardous decomposition products when stored and handled correctly. Formation of carbon monoxide, carbon dioxide, NH₃, NH₂, CH₃, SO₂, SO₃, and related amines, divinylbenzene, styrene in the event of fire or during thermal decomposition.

Hazardous reactions: Contact with strong oxidizing agents may cause hazardous reactions. No hazardous reaction when used as directed.

SECTION 11 Toxicological information

Acute oral toxicity(LD₅₀): 5000 mg/kg

Tested in rats.

Skin irritation: non-irritant

tested on rabbits.

Eye irritation: non-irritant

Tested on rabbit eyes.

SECTION 12 Ecological information

The product is insoluble in water. Therefore, ecological tests have not been conducted.

Do not allow to escape into waters, wastewater or soil.

Water pollution class: 1 – slightly hazardous to water.

SECTION 13 Disposal considerations

If utilization or recycling of the product is not possible, it should be disposed of according to the local regulations and laws, e.g. by incineration in a suitable plant.

Contaminated, empty containers are to be treated in the same way as the contents.

SECTION 14 Transport information

Declaration for land shipment: No applicable data

Declaration for sea shipment: No applicable data

Declaration for shipment by air: No applicable data

Other information:

The International Air Association(IATA) Dangerous Goods Regulations.

Not dangerous cargo. Avoid temperatures below -20°C 。 Avoid heat above +40°C.

Keep separated from foodstuffs.

SECTION 15 Regulatory information

No labeling is required in accordance with the EEC directives.

SECTION 16 Other information

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance.

Replaces version dated: April 01, 2019