



Safety Data Sheet

1. Product and company identification

Product Name:	NFS-104
Product Use:	Coating for Building Protection
Manufacturer/Supplier:	Nano Faraz Sepahan Co. Unit No.3, Fanafarini 2 building, Isfahan Science & technology Town, Isfahan University of Technology Blvd, Isfahan, IRAN
Phone Number:	+983133932431
Emergency Phone:	+989130844702
Date of Preparation:	02/19/2019

2. Hazards identification

SAPMA Health Rating: 4-Minimal –No Great Risk to Health

Human Health Hazards:

Inhalation: Avoid exposure to vapours, fumes and mists

Eyes: May cause slight irritation, any possible contact to be avoided

Ingestion: May cause irritation and nausea

Skin: No hazard Expected if used in moderation, direct contact to be avoided.

Environmental Hazards: No records of chronic effects found, so considered low hazard. Non-toxic but can have undesirable environmental side effects so a lot of care must be taken with disposal.



Safety Data Sheet



3. Composition/information on ingredients

Chemical Class	:	Emulsion silicone -based
Classification	:	Not Classed as hazardous
Hazardous Components	:	No significant quantity of any classified hazardous substance present.

4. First-aid measures

Eye Contact: Rinse thoroughly with water for at least 10 minutes. Seek medical attention.

Skin Contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Do not use solvents or thinners.

Inhalation: Move to a safe area with fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Give nothing by mouth. If unconscious, place in recovery position and seek medical



Safety Data Sheet

Ingestion: Do not induce vomiting. Keep person warm and at rest. Seek medical advice immediately and show the container or label.

5. Fire-fighting measures

Flammability: Non-Flammable

This product is non-flammable.

Expect no direct explosion hazard. Use CO₂, dry powder, foam or water.

6. Accidental release measures

Personal Precautions: Ventilate the area. Avoid breathing in vapors.

Spill: Contain and collect spillage with absorbent material. Dispose of according to local regulations. Do not allow spillage to enter sewerage drains or watercourses.

7. Handling and storage

Handling: Keep container tightly closed. Eating, drinking and smoking should be prohibited in area where this material is handled, stored and processed. After handling the material, workers should wash hands and face before eating, drinking and smoking. Always comply with health and safety regulations.

Storage: Store in original container. Observe label precautions. Store in a cool and dry place in closed containers at a temperature of 5-35 °C and well-ventilated area away from incompatible materials and ignition sources.



Safety Data Sheet

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiration: Should ventilation be inadequate or if workers are exposed to concentrations above the exposure limit, appropriate certified respirators must be used.

Eyes: Use safety eyewear designed to protect against splash of liquids. Never touch eyes with dirty hands or gloves.

Ingestion: Observe the rules of hygiene. Wash hands and face before eating, drinking or smoking.

Skin: Use protective gloves. Wash in case of contact.

9. Physical and chemical properties

Form	viscous opaque liquid
Appearance:	Milky white
pH:	approx. 7
Specific Gravity	approx. 1 g/cm ³
Flash Point:	Not flammable
Dilution	Water

10. Stability and reactivity

Stability: Stable under recommended storage and handling conditions.

Conditions to Avoid: Excessive heat – store below 35° Celsius.



Safety Data Sheet

11. Toxicological information

No records of chronic effects found.

12. Ecological information

Product is considered a water pollutant. Do not allow to enter drains or watercourses.

13. Disposal considerations

Do not allow to enter drains or watercourses.

Dispose of according to national and local applicable regulations.

Empty containers are suitable for recycling but caution must be exercised in the disposal of used containers.

14. Transport information

SIN/UN Number: Not classified as dangerous for transport

Shipping Name: Not Classified

Packaging Group: Not classified

Class: Not classified as hazardous

15. Regulatory information



Safety Data Sheet

Classification: Not classified as hazardous

S2: Keep out of reach of children

S24/25: Avoid contact with eyes and skin

16. Other information

Disclaimer:

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

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Prepared by: Nano faraz sepaha Co.

Phone: +98(0)3133932431

www.nanofaraz.com