

Safety Data Sheet

1. Identification of the substance / mixture and the Company

Product name	FILA MP/90
Chemical name and synonym	Mixture
Intended use	Proofing agent for natural stones and porcelain stoneware
Company identification	Fila Chemicals USA 10800 NW 21st St Ste # 170 Miami, FL 33172 Tel. (305) 513-0708 Fax. (305) 513-0728
e-mail address	marco.galliozzi@filachim.com (or) maria.soranzo@filachim.it
Emergency telephone	800-424-9300 CHEMTREC

2. Hazards Identification

EMERGENCY OVERVIEW A transparent, colorless, flammable liquid with a solvent odor. Can irritate eyes, nose and throat.
This product is hazardous under the OSHA Hazard Communication Standard and the Canadian Controlled Products Regulations.

Hazards Identification

Skin	Repeated exposure may cause drying and cracking of skin.
Eye	Can irritate the eyes.
Ingestion	Although not systemically toxic, ingested material may be aspirated into the lungs causing significant lung damage
Inhalation	Vapors can cause drowsiness
Chronic Hazard	None anticipated

3. Composition / Information on ingredients

Ingredient	CAS No.	Weight %
Aliphatic hydrocarbons	64742-48-9	50 – 95
Nonane	111-84-2	1 – 5
Fluororesin (not hazardous)	Trade secret	7 – 13
Isooctyl trimethoxy silane	34396-03-7	1 – 5

4. First aid measures

Eyes: Rinse eyes with clean, fresh water for at least 15 minutes. Seek medical advice.

- Skin:** Wash immediately with plenty of water. Remove contaminated clothing. If irritation persists, seek medical attention. Wash contaminated clothing before using them again.
- Inhalation:** Remove to open air. If breathing is irregular, seek medical advice.
- Ingestion:** Obtain immediate medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.

5. Fire-fighting measures

- General Information** Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Excess pressure may form in containers exposed to fire at a risk of explosion. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.
- Extinguishing Media** Use carbon dioxide, foam, powder and water fog.
Do not use jets of water. Water can be used to cool containers exposed to flames to prevent explosions
- Hazardous Products of Combustion** Carbon monoxide, carbon dioxide, toxic pyrolysis products, etc
- Special Protective Equipment** In addition to turn-out gear, wear a self container positive pressure breathing apparatus.

6. Accidental release measures

- Personal Precautions** Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. If there are no contraindications, spray solid products with water to prevent the formation of dust. Use breathing equipment if fumes or powders are released into the air. Block the leakage if there is no hazard. Do not handle damaged containers or the leaked product before donning appropriate protective gear. For information on risks for the environmental and health, respiratory tract protection, ventilation and personal protection equipment, see the other sections of this sheet.
- Environmental Precautions** The product must not enter the sewers, surface water, ground water and surrounding areas.
- Clean-up Method** Use inert absorbent material (sand, vermiculite, diatomaceous earth, etc.) to soak up leaked product. Collect the majority of the remaining material and deposit it in containers for disposal. If there are no contraindications, use jets of water to eliminate product residues. Make sure the leakage site is well aired.

7. Handling and storage

- Handling** Wear proper protective equipment. Do not smoke while handling.
- Storage** Store in a well ventilated place, keeping the containers closed when not in use. Keep far away from sources of heat, bright flames and sparks and other sources of ignition.

8. Exposure control / personal protection.

Ventilation

Use mechanical ventilation sufficient to keep airborne exposure below recommended exposure values. In the absence of specific exposure recommendations, use general ventilation for work area and local ventilation for liquid transfer points.

Exposure Limits

Ingredient	OSHA PEL	ACGIH TLV	Other Exposure Value
Solvent mixture (hydrocarbons)	None	None	Manufacturer recommends TWA of 262 mg/m ³
Nonane	None	200 ppm TWA	200 ppm TWA 9NIOSH RELO

Personal Protective Equipment:

Respiratory

If workplace maximum concentration thresholds are exceeded, wear a facemask covering the nose and mouth. For high concentrations in the workplace or in the case of an emergency, when exposure levels are unknown, wear self-contained or air-supplied respiratory protection.

Hands

Protect hands using Laminate LCT Film work gloves. It is recommended that workers apply a protective hand cream.

Eyes

Wear chemical goggles or safety glasses with side shields.

Skin

Wear overalls with long sleeves and safety footwear Wash with soap and water after removing protective clothing. Wash clothing before reuse.

The use of adequate ventilation and mechanical controls must always take priority over the use of personal protection equipment.

9. Physical and chemical properties

Odor	Solvent odor
Appearance	Transparent, colorless liquid
Solubility	Insoluble in water
Viscosity	Not available
Vapor density	Not available
Evaporation speed	Not available
Combustible properties	Not available
Partition coefficient: n-octanol/water	Not available
pH	Not applicable
Boiling point	Not available
Flash point	104°F (40°C)
Explosive properties	Not available
Vapor pressure	Not available
Specific gravity	0,768 - 0,778
Solid content:	4,40 %
VOC (volatile carbon) :	~ 95 %

10. Stability and reactivity

Conditions to Avoid

Keep away from flammable materials and high temperatures.

Incompatible Materials

Strong oxidizers may ignite the product

Hazardous Decomposition Products Not expected to decompose. See section 5 for thermal decomposition products.

Hazardous Polymerization Does not occur

11. Toxicological information

Acute This product has not been tested as a mixture. This product contains ingredients of relatively low systemic toxicity. However, ingestion can result in vomiting and/or aspiration into the lungs with subsequent significant damage to the lungs including bronchopneumonia and pulmonary edema.
Product will irritate the eyes and may dry the skin causing chapped skin and irritation..

Chronic No effects anticipated

12. Ecological information

Product has not been tested as a mixture. Use this product according to good working practices. Avoid littering. Inform the environmental authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

13. Disposal consideration

RCRA Hazardous Waste If discarded this product is designated as an "Ignitable Waste" D001"

Disposal Method Material should be sent to an authorized facility. Comply with all Federal, State, and local regulations..

14. Transport information

These goods must be transported by vehicles authorized to transport hazardous materials according to the provisions set out in the current regulations of the U.S. DOT, Canadian TDG, the IMDG and IATA.

Rail and Truck Shipments

DOT Shipping Name: HYDROCARBONS, LIQUIDS, N.O.S. (ISODECANE AND n-DECANE)
DOT ID Number UN 3295
DOT Hazard Class & Packing Group 3 (Flammable liquid), III
DOT Shipping Label Flammable

TDG Shipping Name: HYDROCARBONS, LIQUIDS, N.O.S. (ISODECANE AND n-DECANE)
TDG ID Number UN 3295
TDG DOT Hazard Class & Packing Group 3 (Flammable liquid), III
TDG Shipping Label Flammable

Water Shipments

IMO Shipping Name: HYDROCARBONS, LIQUIDS, N.O.S. (ISODECANE AND n-DECANE)
IMO ID Number UN 3295
IMO DOT Hazard Class & Packing Group 3 (Flammable liquid), III
IMO Shipping Label 3 (J)Flammable)
IMO EMS F-E, S-D

Air Shipments

IATA Shipping Name: HYDROCARBONS, LIQUIDS, N.O.S. (ISODECANE AND n-DECANE)
IATA ID Number UN 3295
IATA DOT Hazard Class & Packing Group 3 (Flammable liquid), III
IATA Shipping Label 3 (JFlammable)
IATA Packing Instructions Cargo: 310 Maximum quantity: 220 L
 Passenger: 309 Maximum quantity: 60 L

15. Regulatory information

TSCA Inventory Status All ingredients are listed on the TSCA Inventory. The polymer component of the product is exempted from the TSCA Inventory requirements per 40 CFR §723.250 Polymers.
Other TSCA Issues Contains Nonane which is subject to 12b export notification (section 4)

SARA Title III//CERCL

Ingredient	RQ	TPQ	SARA 313
No ingredients listed in this section	---	---	---

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center [(800) 424-8802] and to your Local Emergency Planning Committee.

SARA 311 Classification Immediate (acute), Fire hazard

State Right to Know

Ingredient	Weight %	Comment
No ingredients listed in this section.		

Canadian DSL Status Most Ingredients listed on DSL. One ingredient listed on NDSL. Importation of MP90 limited to 50,000 kg/year/importer.

Canadian WHMIS Classification B2, D2B This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. Other information

Current Issue Date June 22, 2010
Previous Issue Date May 20, 2010
Changes in current issue Product formulation modified

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.