



SAFETY DATA SHEET
FOR
IMPREGNATOR SEALER – SOLVENT BASE

REVISION DATE: 04/24/2015

VERSION 4

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I. PRODUCT AND COMPANY IDENTIFICATION

Manufacturing Company

ML Distribution, Inc.
2800 W. Airport Blvd.
Sanford, FL. USA 32771

1.4.1 FOR CHEMICAL EMERGENCY OR INGESTION, CALL INFOTRAC: 1-800-535-5053

Trade Name: Impregnator Sealer - Solvent Base
Chemical Family: (Mixture)
The intended use of the product is for stone (marble, granite, slate) as a surface impregnating sealer.
Standard Industrial Classification: 2842

II. HAZARDS IDENTIFICATION

Single word: FLAMMABLE
Irritating to the eyes.
May cause sensitization by skin contact.
May be harmful if swallowed.
May cause respiratory tract irritation.

State of matter: Clear Liquid

Color: Clear or colorless
Odor: Hydrocarbon solvent

HMIS Rating:

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	 

Potential health effects

Primary routes of exposure:

Routes of entry for liquids include eye, skin contact, ingestion and inhalation.

Acute Toxicity:

May be harmful if swallowed. Ingestion may cause gastrointestinal disturbance. Exposure to high concentration of vapors may cause irritation of the respiratory tract, headache and nausea. This product has not been tested. The statement has been derived from the properties of the individual components.

Eye:

Causes moderate to severe irritation, experienced as discomfort or pain, excess blinking and tear production, with marked excess redness and swelling of the conjunctiva.

Sensitization / skin contact:

Brief contact is not irritating. Prolonged contact may cause discomfort and local redness.

Ingestion:

Low Toxicity. May cause nausea.

Inhalation:

No evidence of adverse effects from available information.



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Chronic toxicity:

Effects of repeated overexposure:

No evidence of adverse effects from available information.

Other effects of overexposure:

There are literature reports that skin contact with a component of this product may cause sensitization and an allergic reaction in a small proportion of individuals.

Significant laboratory data:

Relevance to human health hazard evaluation:

Carcinogen Information: None Reported.

III. COMPOSITION / INFORMATION ON INGREDIENTS

2.1 Hazardous Ingredients

<u>2.1.1 CAS Number</u>	<u>2.1.2 Chemical Name</u>	<u>2.1.3 Content (W/W)</u>	<u>2.1.4 Warning</u>
64742-95-6	Mineral Spirits	>80-89%	R10,R20/21/22
2.1.5	One confidential ingredient: Proprietary copolymer	>15-18.5%	
2.1.6	Confidential component is listed as flammable		
2.1.7	Other information: None		

IV. FIRST AID MEASURES

General advice:

Remove contaminated clothing.

If inhaled:

Remove to fresh air. Administer oxygen if necessary. Seek medical attention. Assist in breathing if necessary.

If on skin:

Wash skin with soap and water. Remove contaminated clothing and do not reuse until laundered.

If swallowed:

If a large volume (several ounces) has been swallowed, give two glasses of water. Do not induce vomiting. Obtain medical attention immediately.

If in eyes:

Immediately flush eyes thoroughly with water and continue washing for several minutes. Obtain medical attention.

NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.



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V. FIRE-FIGHTING MEASURES

Flash Point (test method(s)): 136 °F. by closed cup ASTM D 93.

Auto ignition: Based on the content the product could ignite from a heated source.

Flammable Limits in Air, by volume: LOWER: Not Determined

UPPER: Not Determined

Suitable extinguishing media: CO2, dry powder, foam.

Special Fire Fighting Procedures: Fire fighters may need self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Closed containers may rupture (due to buildup of pressure) when exposed to extreme heat. Flammable liquid and vapor. Product supports combustion and decomposed under fire conditions to give off toxic materials. Do not use welding, cutting torch near any container of this material, even if empty. Do not store, use, pour, spill near heat, spark sources or open flames.

Protective equipment for fire-fighting: Fire fighters may need self-contained breathing apparatus.

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Use personal protective clothing.

Environmental precautions:

Small spills can be flushed with large amounts of water. Larger spills should be collected for disposal.

Waste Disposal Method:

At very low concentration in water, this material is biodegradable in a biological wastewater treatment plant.

VII. HANDLING AND STORAGE

Handling

General advice:

Avoid eye and skin contact. Use NIOSH approved eye protection and NIOSH latex or rubber gloves. Wear suitable protective clothing.

Storage

Store protected against freezing.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with workplace control parameters

Chemical Name	CAS	% WT	TLV	PEL
Mineral Spirits	64742-95-6	100	20 ppm	50 ppm

ACGIH time weighted average 20 ppm

NIOSH Recommended exposure limit (REL) 5 ppm

NIOSH Recommended exposure limit (REL): 24 mg/m³

OSHA Z1 Permissible exposure Limit 50 ppm

OSHA Z1 Permissible exposure Limit 240 mg/m³

Personal Protection Equipment

Hand protection:

Chemical resistant protective gloves

Eye protection:

Tightly fitting safety goggles (chemical goggles) and face shield.

General safety and hygiene measures:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.



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IX. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Odor:	Solvent
Color:	Colorless or clear
pH Value:	N/A (25 °C)
Freezing Point:	-62 °C (-80F)
Boiling Point:	>199-232 °C (390-450F)
Evaporation Rate: (Butyl Acetate = 1)	No Data
Specific Gravity: (H2O =1)	.77 G/ml
Solubility in water:	Very little in water
Relative density:	No data available
Vapor Pressure:	No data available

X. STABILITY AND REACTIVITY

Conditions to avoid:

See SDS section 7 – Handling and storage

Hazardous reactions:

No hazardous reactions when stored and handled according to the instructions. This product is chemically stable.

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

XI. TOXICOLOGICAL INFORMATION

Irritant

Skin:

Result: Possible irritating

The product has not been tested. The statement has been derived from the properties of the individual components.

Eye:

Result: Irritating

The product has not been tested. The statement has been derived from the properties of the individual components.

Sensitization:

Result: Possible irritating

The product has not been tested. The statement has been derived from the properties of the individual components.

Aspiration Hazard:

Result: No aspiration hazard expected.

The product has not been tested. The statement has been derived from the properties of the individual components.

Other Information:

The product has not been tested. The statement has been derived from the properties of the individual components.



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XII. ECOLOGICAL INFORMATION

VOLATILE ORGANIC COMPOUNDS: 100 WT%; 6.3 LB/US gal; 760 g/l (approximately)
As per 40 CFR Part 51.100(s).

Fish:

Result on: Trade Secret

Fish/LC50 (96 h): <1mg/l

The product has not been tested. The statement has been derived from the properties of the individual components.

Chronic: No data available

Aquatic invertebrates:

Result on: Trade Secret

Daphnia/EC50 (48 h): <1mg/l

The product has not been tested. The statement has been derived from the properties of the individual components.

Bioaccumulation: No data available

Other adverse effects:

The product has not been tested. The statement has been derived from the properties of the individual components.

XIII. DISPOSAL CONSIDERATIONS

Waste disposal of substance:

Disposal of in accordance with Federal, national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container disposal:

Disposal of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

XIV. TRANSPORT INFORMATION

Land transport

USDOT

Proper Shipping Name:

UN Number:

Class:

P.G.:

Label Code: Single word:

Ground shipment only

Combustible liquid [49CFR173.150(f)]

Petroleum distillates, n.o.s.

UN1268

3

III

FLAMMABLE

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

Cannot be shipped in cargo or passenger aircraft



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XV. REGULATORY INFORMATION

ILO: None

WHMIS: Irritant

This product is not intended for commercial and consumers use in the state of CA in the US. Use in commercial or consumers' homes in is in direct violation of consumer product VOC regulations (CARB).

Risk Phrases:

R20/22 - Harmful by inhalation and if swallowed

R36/38 - Irritating to eyes and skin

Safety Phrases:

S2 - Keep out of the reach of children

S13 - Keep away from food, drink and animal feeding stuffs

S24/25 - Avoid contact with skin and eyes

S26 - In case of contact with eyes, rinse immediately with plenty of water and

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

S42 - During spraying, wear suitable respiratory equipment

S51 - Use only in well-ventilated areas

S62 - If swallowed do not induce vomiting; seek medical advice immediately

Special regulations on certain preparations:

NFPA

2 Health

2 Fire

0 Reactivity/Instability 0

H PPE

The concentrations shown are maximum or ceiling levels (weight %) to be used for calculations for regulations.

Federal Regulations

Registration status:

Chemical

TSCA, US released / listed

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the Reportable Quantities (RQs) in 40 CFR 302.4. Components present in this product at a level, which could require reporting under the statute, are:

**** NONE ****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312). Components present in this product at a level, which could require reporting under the statute, are:

**** NONE ****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSS that are copied and distributed for this material. Components present in this product at a level, which could require reporting under the statute, are:



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CHEMICAL:	CAS NUMBER	UPPER BOUND CONCENTRATION %
Mineral Spirits	64742-95-6	2.5

STATE Regulation "Right-To-know"
CALIFORNIA Proposition 65

This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects, or other reproductive harm, which would require a warning under the statute.

CALIFORNIA RULE 443.1 VOC'S: **** NOT APPLICABLE ****

MASSACHUSETTS 105 CMR 670.000 Right-To-Know, Substance List

Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products. Components in this product at a level, which could require reporting under statute, are:

**** NONE ****

PENNSYLVANIA Right-To-Know, Hazardous Substance List

Hazardous Substances and Special Hazardous Substances on the List must be identified when present in products. Components present in this product at a level, which could require reporting under the statute, are:

**** NONE ****

TSCA INVENTORY STATUS: **The** ingredients of this product are on the TSCA inventory.

XVI. OTHER INFORMATION

NFPA Hazard codes:

Health: 2 Fire: 2 Reactivity: 0 Special:

HMIS III rating:

Health: 2 Flammability: 2 Physical hazard: 0

NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of 4 indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide an on-the-spot alert to the hazards of a material, and their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

SDS Prepared by:

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SDS converted to new format and prepared on 4/1/14



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IMPORTANT: While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/usage, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property right of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale, further, you expressly understand and agree that the descriptions, designs, data, and information furnished by MARBLELIFE, ML Distribution, Inc., its vendors and suppliers hereunder are given gratis and MARBLELIFE, ML Distribution, Inc., its vendors and suppliers assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.

MARBLELIFE urges customers or recipients of this SDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and fire prevention, as necessary or appropriate to use and understand the data contained in this SDS.

To promote safe handling, each customer or recipient should notify its employees, agents, contractors and others who it knows or believes might come in contact with this material of the information in this SDS and any other information regarding hazards or safety.

Revised Sections:

12/2008: Section 1: New product: Impregnator Sealer - Solvent Base

01/2011: Section 1: Address change

04/01/2014 Modification of this SDS per Hazard Communication Standard (HCS) to conform with the United Nations' (UN) Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and per HazCom 2012.

04/24/2015: Section 1: Address Change

Printed in USA