

Floor Restore



Current revision 09/04/15

SECTION 1 — CHEMICAL PRODUCT AND COMPANY INFORMATION	
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Product Identifier Code # (PIF): 543355	
Product Name:	Floor Restore
Product Use:	Hard Surface Cleaner & Rejuvenator
Physical Form:	Viscous Liquid
Color:	
Odor:	

SECTION 2 — HAZARDS IDENTIFICATION

GHS Hazard Codification:

Signal Word: **WARNING**



Hazard Class	Category	Code	Hazard Statement
Eye Irritation	2B	H320	Causes eye irritation

Precautionary	Code	Statement
Prevention	P233+261 P272 P264+280 P270	Keep container tightly closed. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Contaminated work clothing should not be allowed out of the workplace. Wash hands thoroughly after handling. Wear protective gloves and eye or face protection. Do not eat, drink or smoke when using this product.
Response	P370+378 P305+351+338 P337+313 P302+352+362+364	In case of fire: Use dry sand, dry chemical or alcohol resistant foam for extinction. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. IF ON SKIN: Rinse skin with water. Remove contaminated clothing. Wash contaminated clothing before reuse.
Storage	P403+235	Store in a well ventilated place. Keep cool.
Disposal	P501	Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations.

Description Of Any Hazards Not Otherwise Classified: Repeated skin exposure can cause drying and flaking of the skin (dermatitis). Inhalation of mists or sprays of product may cause irritation to the respiratory tract. Ingestion may cause irritation to gastrointestinal tract.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Common Names	CAS #	Concentration Range %
Mixture (Proprietary Blend)	Proprietary Blend		
The chemical identity and exact percentage of the composition has been withheld as it is a trade secret. There are no additional ingredients present which, within the current knowledge of the supplier and in concentrations applicable, are classified as hazardous to health and hence require reporting in this section.			

SECTION 4 — FIRST AID MEASURES	
<u>General Advice:</u>	Move out of dangerous area. Do not leave the injured person unattended. Show this safety data sheet to the doctor in attendance.
<u>Eye Contact:</u>	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. If irritation persists get medical attention.
<u>Inhalation:</u>	<p>Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe.</p> <p>If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p> <p>In case of inhalation of decomposition products in a fire, symptoms may be delayed.</p>
<u>Skin Contact:</u>	Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<u>Ingestion:</u>	<p>Remove victim to fresh air and keep at rest for comfortable breathing. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person.</p> <p>If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p>

Most important Symptoms/Effects, Acute and Delayed:

Potential Acute Health Effects:	
<u>Eye Contact:</u>	Causes eye irritation
<u>Inhalation:</u>	Exposure to decomposition products may cause a health hazard
<u>Skin Contact:</u>	May cause mild skin irritation
<u>Ingestion:</u>	May be irritating to mouth, throat and stomach.

Over Exposure Signs/Symptoms:

<u>Eye Contact:</u>	Adverse symptoms may include the following: Pain or irritation, Watering Redness
<u>Inhalation:</u>	No known significant effects or critical hazards
<u>Skin Contact:</u>	Adverse symptoms may include the following: Irritation, Redness
<u>Ingestion:</u>	May be Irritating to mouth, throat and stomach.

Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary:

<u>Notes to Physician:</u>	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
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<u>Specific treatments:</u>	No specific treatment
<u>Protection of First Aiders:</u>	No action shall be taken involving any personal risk or without suitable training.

SECTION 5 — FIRE FIGHTING MEASURES	
<u>Fire and Explosion Hazard:</u>	Not any unusual fire or explosion hazards.
<u>Suitable Extinguishing Media:</u>	<ul style="list-style-type: none"> • Alcohol-resistant foam • Carbon dioxide (CO₂) • Dry Chemical
<u>Unsuitable Extinguishing Media:</u>	High Volume Water Jet
<u>Hazardous Thermal Decomposition Products:</u>	Decomposition products may include following materials: <ul style="list-style-type: none"> • carbon dioxide • carbon monoxide • smoke
<u>Specific Hazards During Firefighting:</u>	Do not allow run-off from firefighting to enter drains or water courses.
<u>Special Protective Actions for Firefighters:</u>	No special measures are required
<u>Special Protective Equipment for Firefighters:</u>	Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode, if necessary.
<u>Further Hazard/Disposal Information for Firefighters:</u>	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Use a water spray to cool fully closed containers.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

<u>For Non-Emergency Personnel:</u>	No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
<u>For Emergency Responders:</u>	If specialized clothing is required to deal with the spillage, take note of any information in SECTION 8 on suitable and unsuitable materials. See also the information in "For Non-Emergency Personnel".
<u>Environmental Precautions:</u>	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
<u>Methods and Materials for Containment and Cleaning Up Spill:</u>	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container or disposal according to local regulations (see SECTION 13). Dispose of via a licensed waste disposal contractor.

SECTION 7 — HANDLING AND STORAGE

<u>Safe Handling Conditions:</u>	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Take precautionary measures against static discharges. Keep in original container or an approved alternative made from compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
<u>General Occupational Hygiene:</u>	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also SECTION 8 for additional information on hygiene measures
<u>Safe Storage Conditions:</u>	Keep out of the reach of children. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool well-ventilated area, away from incompatible materials (see SECTION 10) and food and drink. Keep container tightly closed and sealed until ready for use. Do not store in unlabeled containers. Store upright to prevent leakage.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION**Occupational Exposer Limits:**

None

Engineering Controls:

<u>Personal Protective Equipment:</u>	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
<u>Environmental Exposure Controls:</u>	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Individual Protection Measures: Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
<u>Respiratory Protection:</u>	No respirator needed under normal conditions
<u>Eye/Face Protection:</u>	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: Tightly fitting safety goggles.
<u>Hand Protection:</u>	Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
<u>Skin and Body Protection</u>	Personal protective equipment for the body should be selected based on the task being performed and the risks involved should be approved by a specialist before handling this product.
<u>Other Skin Protection:</u>	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous Liquid	Upper/Lower Flammability Limits	Not established
Odor	Characteristic	Vapor Pressure	Not established
Odor Threshold	Not determined	Vapor Density (air = 1)	Not determined
pH	9.0 - 10.0	Specific Gravity (water = 1.0)	Not determined
Melting Point	Not determined	Solubility	Miscible with water
Freezing Point	Not determined	Partition Coefficient (n-octanol/water)	Not determined
Boiling Point	212°F (100°C)	Auto-ignition Temperature	Not determined
Flash Point	Not flammable	Decomposition Temperature	Not determined
Evaporation Rate (n-butyl acetate=1)	Not determined	Viscosity	205 – 855 cps
Flammability	Not Flammable	%Volatile/Volume	Not determined

SECTION 10 — STABILITY AND REACTIVITY

<u>Reactivity:</u>	No specific test data related to reactivity available for this product or its ingredients.
<u>Chemical Stability:</u>	Product is stable.
<u>Possibility Of Hazardous Reactions:</u>	Under normal conditions of storage and use, hazardous reactions will not occur.
<u>Conditions to Avoid:</u>	Heat, flames and sparks.
<u>Incompatible Materials:</u>	Reactive or incompatible with the following materials: Strong acids.
<u>Hazardous Decomposition Products:</u>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 — TOXICOLOGICAL INFORMATION

Primary Routes of Entry:	<u>Eye:</u>	<u>Skin:</u>	<u>Inhalation:</u>	<u>Ingestion:</u>
	Yes	Yes	Yes	Yes

Acute Toxicity:

<u>Acute Oral Toxicity:</u>	Acute toxicity estimate: >5,000 mg/kg Method: Calculation method
<u>Irritation / Corrosion:</u>	Not a skin irritant.
<u>Sensitization:</u>	No data available
<u>Carcinogenicity:</u>	No components are listed as carcinogens by IARC, ACGIH, OSHA or NTP above the threshold of 0.1%
<u>Specific Target Organ Toxicity (Single Exposure):</u>	No data available
<u>Specific Target Organ Toxicity (Repeated Exposure):</u>	No data available
<u>Aspiration Hazard:</u>	No data available

Potential Acute Health Effects:

<u>Inhalation:</u>	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
<u>Ingestion:</u>	May be Irritating to mouth, throat and stomach.
<u>Skin:</u>	May cause mild irritation.
<u>Eyes:</u>	May cause eye irritation.

Symptoms Related to the Physical, Chemical and Toxicological Characteristic:

<u>Inhalation:</u>	No known significant effects or critical hazards
<u>Ingestion:</u>	May be Irritating to mouth, throat and stomach
<u>Skin Contact:</u>	Adverse symptoms may include following: Irritation Redness
<u>Eye Contact:</u>	Adverse symptoms may include the following: Pain or irritation Watering Redness

Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure:

<u>Short Term Exposure:</u>	Potential immediate effects: No known significant effects or critical hazards. Potential delayed effects: No known significant effects or critical hazards.
<u>Long Term Exposure:</u>	Potential immediate effects: No known significant effects or critical hazards. Potential delayed effects: No known significant effects or critical hazards.

Potential Chronic Health Effects

<u>General:</u>	No known significant effects or critical hazards. Carcinogenicity: No data available.
<u>Mutagenicity:</u>	No data available.
<u>Teratogenicity:</u>	No data available.
<u>Developmental Effects:</u>	No data available.
<u>Fertility Effects:</u>	No data available.

SECTION 12 — ECOLOGICAL INFORMATION

<u>Ecotoxicity (Aquatic and Terrestrial):</u>	No information available
<u>Bio-accumulative Potential:</u>	No information available
<u>Mobility in Soil:</u>	Soil/water partition coefficient (Koc): Not available
<u>Persistence and Degradability:</u>	Readily biodegradable based on OECD standard 301A DOC Die-Away test
<u>Other Adverse Effects:</u>	No known significant effects or critical hazards

SECTION 13 — DISPOSAL CONSIDERATIONS

<p><u>Methods of Disposing this Product:</u></p>	<p>The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.</p> <p>Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.</p>
<p><u>Disposing of Waste Packaging:</u></p>	<p>Waste packaging should be recycled. Incineration of landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way.</p>

SECTION 14 — TRANSPORT INFORMATION

<p><u>Transport Regulation: 49 CFR (USA):</u></p>	<p>NOT REGULATED as dangerous goods or hazardous material</p>
<p><u>Transport Regulation: IMDG (Vessel):</u></p>	<p>UN 1993, Flammable liquid, n.o.s., (D-Limonene), 3, III</p>
<p><u>Transport Regulation: IATA (Cargo Air):</u></p>	<p>UN 1993, Flammable liquid, n.o.s., (D-Limonene), 3, III</p>
<p><u>Transport Regulation: IATA (Passenger Air):</u></p>	<p>UN 1993, Flammable liquid, n.o.s., (D-Limonene), 3, III</p>
<p><u>Transport Regulation: TDG (Canada):</u></p>	<p>NOT REGULATED as dangerous goods or hazardous material</p>

SECTION 15 — REGULATORY INFORMATION

EPCRA – Emergency Planning and Community Right-to-Know Act CERCLA Reportable Quantity: This material does not contain any components with CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.

U.S. Federal Regulations:

United States Inventory (TSCA): On TSCA inventory.

SARA 302

Composition/Information on Ingredients: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313:

Classification: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

International Lists National Inventory:

Australia (AICS):

Not in compliance with the inventory.

Canada (DSL):

This product contains one or several components that are not on the Canadian DSL or NDSL.

China (IECSC):

Not in compliance with the inventory.

New Zealand (NZIoC):

Not in compliance with the inventory.

Philippines (PICCS):

Not in compliance with the inventory.

SECTION 16 — OTHER INFORMATION

Prepared by: TMP Inc.

Additional advice:

To the best of our knowledge information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

HMIS III:	
Health	1
Fire	0
Physical hazard	0
Personal protection	A