

PRO SERIES

RED ZONE

**HIGH POWERED
LOW ODOR FLOOR STRIPPER**
SEPARADOR DEL PISO



Technical Data

Areas of Use

- Vinyl Tile
- Tenazzo
- Ceramic Tile
- Flagstone

Specifications

SSS Item Number	48110
Available Sizes	1Qt
Color	Light Amber
Fragrance	Mild odor
pH	11.0 - 12.0
Viscosity	Water thin
Foam	Low
Phosphate Content	None
Solubility	Complete with water
Flash Point	200°F (TCC)
Storage/Stability	2 years
Weight Per Gallon	8.45 lbs./gal.
Freeze/Thaw Stability	Keep from freezing

HMIS Hazardous Materials I.D. System

Health	3
Flammability	1
Reactivity	0
Personal Protection	D

What the Pros Know

When stripping a floor, it is recommended to flood the floor using 1 gallon of diluted stripper for 100 square feet of flooring.

Description

An ultra concentrated (1:20) high-powered stripper that rapidly penetrates and strips off floor finish. A powerful solvent combined with amines, penetrates and removes multiple coats of burnished finish with minimum labor. Low odor formula is ideal for use in areas where odors are a concern. This high productivity floor stripper strips floor finishes completely on the one pass and requires no rinse. This unique formula provides the lowest end-use cost per gallon due to its ultra concentration.

DO NOT USE THIS PRODUCT ON WOOD FLOORS OR PAINTED SURFACES.

Directions

Wear safety equipment recommended on MSDS, place Wet Floor Signs and read all directions and cautions prior to beginning your work.



Sweep or dust mop the floor to remove any debris. The desired concentration will depend on the build-up and age of the polish film. As a starting point, dilute with cold water or mildly warm water as follows:

1. Simply add a quart of product to a mop bucket. Fill the mop bucket with water up to 5 gallons.
2. The stripping solution may be applied with a mop or automatic scrubber. Allow to stand for 3 - 5 minutes, scrub with a rotary floor machine or automatic scrubber equipped with stripping pads.
3. Pick-up the solution and old finish with a wet vacuum or clean mop.
4. Rinse thoroughly with clean cold water.
5. Allow floor to dry completely before applying any floor finish.

NOTE:

The product must be used only as directed due to its unique penetrating and liquifying ability. Do not use undiluted product. Do not dilute with hot water. To determine the optimum use-dilution, pretest on a small area. Wet floor may become extremely slippery. Be sure to keep pedestrian traffic away from floor until thoroughly dry. Work area should have adequate ventilation since prolonged exposure to high concentrations of vapors may be harmful to eyes, skin and respiratory tracts. As prolonged soaking in concentrated strippers may damage some asphalt tiles, a spot test is recommended before general use.

*Ultra
Concentrated-
One Quart Makes
5 Gallons*

Low Odor

*Low End Use
Cost*



MATERIAL SAFETY DATA SHEET

N/A= Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 1/09 Revision: n/a

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Red Zone
Generic Name: High Powered Low Odor Floor Stripper
Chemical Family: Solvent Detergent Blend
Formula: Proprietary
Triple S Product Number: 48110

Manufactured For: Triple S
Address: 2 Executive Park Drive Billerica, MA 01862
Phone #: 800-323-2251

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
2-Butoxyethanol	111-76-2	15 to 20	50 ppm	25 ppm	N/A
Monoethanolamine	141-43-5	20 to 25	N/A	8mg/M ³	6 ppm
Benzyl Alcohol	100-51-6	50 to 55	N/A	3 ppm	6 ppm
Nonionic Surfactant	9016-45-9	0 to 5			
Fluorochemical Dispersion	N/A	0 to 5			
Perfume Oils	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.
Vapor Pressure: 20mm Hg @ 68 F.
% Volatile: 90+
Solubility in Water: Complete
Physical Description: Thin liquid with characteristic odor.

Specific Gravity: 1.012
Vapor Density (Air=1): >1
pH: 11.0 – 12.0
Evaporation Rate (Water=1): <1

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): >200° F. (TCC)
Upper Explosion Limit: N/A
Lower Explosion Limit: N/A
Extinguishing Media: Foam, water fog, CO₂ or dry chemical.
Special Firefighting Procedures: Wear self-contained breathing apparatus for confined areas. Keep fire exposed containers cool with water spray.
Unusual Fire and Explosion Hazards: Vapors heavier than air.

SECTION 5-REACTIVITY DATA

Stability: Stable
Hazards Decomposition Products: Alkaline vapors in a fire.

Hazardous Polymerization: None
Incompatibility (Materials to Avoid): Strong acids, Oxidizers.

SECTION 6-STORAGE AND HANDLING INFORMATION

Corrosive Liquid. Severe Eye and/or skin damage will result with contact. Avoid contact with eyes, skin and clothing. Wear protective eyewear, gloves and footwear when handling. Avoid breathing of vapors. Keep out of reach of children. For use by trained personnel only. Keep unauthorized personnel away when applying to floor. Keep container closed during storage. For institutional and industrial use only. Use in well-ventilated area only. Avoid contact with heat, spark or open flame.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Severe skin irritant. May cause moderate reddening, swelling, blistering, and possible skin damage.
Eyes: Severe eye irritant. Liquid and mists will damage eyes, causing corneal damage and blindness.
Inhalation: Vapors and mists are irritating to mucous membranes in the nose, throat, and lungs; characterized by coughing, choking, shortness of breath.
Ingestion: Irritating and corrosive to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting, and diarrhea. Excessive amounts may cause collapse.
First Aid Procedures:
Skin: Immediately flush with water. Remove contaminated clothing and shoes. Seek medical attention immediately.
Eyes: Contact damage is immediate. Immediately flush with large quantities of water, holding eyelids open. Seek medical attention immediately.
Inhalation: Get to fresh air. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use NIOSH approved organic vapor respirator or self-contained breathing apparatus in confined or poorly ventilated areas.
Ventilation Requirements: Provide mechanical exhaust to keep TLV of Section 2 ingredients below acceptable limits.
Protective Gloves: Chemical resistant rubber or neoprene.
Eye Protection: Chemical splash goggles or full-face shield.
Other Protective Equipment: Eye wash station nearby. Protective outerwear and rubber boots should be worn when using.

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.
Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. If discarded, this material and containers should be treated as hazardous waste based on the characteristic of corrosivity as defined under federal RCRA regulations (40 CFR 261). Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories:
 No - Fire Hazard
 No - Sudden Release of Pressure Hazard
 No - Reactivity Hazard
 Yes - Immediate (acute) Health Hazard
 Yes - Delayed (chronic) Health Hazard

Shipping Information:
 FOR CONTAINERS > 1 Gallon: Compounds, cleaning liquid, (Monoethanolamine Solution), 8, NA-1760, PG III
 FOR 1 GALLON CONTAINERS: Compounds, cleaning liquid, (Monoethanolamine Solution), 8, NA-1760, PG III (Ltd. Qty.)
 FOR CONTAINERS < 1 GALLON : ORM-D

HMS Hazardous Materials Identification System

Health	3
Flammability	1
Reactivity	0
Personal Protection	D

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: ER# 1-888-779-1339

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
111-76-2	2-butoxyethanol (Glycol Ether) N-230	15%

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product