

MATERIAL SAFETY DATA SHEET

Green Zone Stencil Remover 200
04/27/2004

W. M. PLASTICS, INC

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SECTION 1: CHEMICAL IDENTIFICATION

24-Hour Emergency Phone Number: Chemtrec (800) 424-9300

Product Code: SKU CRE-W200

Product Name: Green Zone Stencil Remover 200

Chemical Family: AQUEOUS OXIDIZING ACID SOLUTION

SECTION 2: COMPOSITION

<u>Substance Name</u>	<u>CAS Number</u>	<u>Concentration</u>
Periodic Acid (HIO ₄), Sodium Salt	7790-28-5	2-8 %
Sulfamic Acid	5329-14-6	<0.5%

SECTION 3: HAZARDS IDENTIFICATION

Eye: May cause severe irritation seen as a marked reddening and swelling of the conjunctiva with moderate discharge.

Skin: Prolonged or repeated direct skin exposure may cause moderate irritation. Severity of irritation increases with protracted exposure.

Ingestion: No hazard is expected in normal industrial use. Do not eat, drink, or smoke during use.

Inhalation: Inhalation of misting solution during application may cause moderate irritation to the respiratory track. Prolonged exposure will increase in severity. Use in a well ventilated area. Avoid inhalation of mist during spraying.

SECTION 4: FIRST AID MEASURES

Eye: Irrigate with flowing water immediately and continuously for 15 minutes. Consult with medical professional for further treatment.

MATERIAL SAFETY DATA SHEET

Green Zone Stencil Remover 200
04/27/2004

Skin: Remove material from skin immediately by washing with soap and plenty of water (warm water is preferable, if available). Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists.

Ingestion: If swallowed, seek *immediate* medical attention. Do not induce vomiting, unless directed to do so by medical personnel. If vomiting occurs keep head lower than hips to prevent aspiration, transport to medical facility.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, qualified personnel should administer oxygen. Call a physician or transport to medical facility.

Note to Physician: *No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reaction of the patient.*

SECTION 5: FIREFIGHTING MEASURES

Flammability Class (OSHA)	IIIB (Non Flammable)
Flash Point:	N/A
Explosive Range:	N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personnel: Barricade area to protect people. Clear all non-essential people from spill area. Ventilate area of leak or spill. Only safety personnel trained in decontamination procedures equipped with the appropriate respiratory equipment and clothing, are allowed to decontaminate the affected area.

Environmental Protection: Contain liquid to prevent contamination of soil, surface or ground water. Neutralize material with soda ash or other alkaline material. Soak up spills with inert solids (as in vermiculite) and sweep/shovel into vented disposal container. Wash spill area with strong detergent and water solution.

Clean-Up: *Supplies of suitable decontamination should be always kept available. Absorb with material such as sawdust, vermiculite, dirt, sand, clay, cob grit, Milsorb.*

SECTION 7: HANDLING AND STORAGE

Handling: Avoid contact with strong reducing agents.

Storage: Store in dry place between 75F-105F (24C-41-C). Keep containers tightly closed when not in use. Containers maybe hazardous, when empty, since they retain product residues (vapors, liquids).

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Use only with adequate ventilation. Provide general and/or local exhaust ventilation to control airborne levels below exposure guidelines. Exhaust systems should be designed to move the air away from the source of the vapor/aerosol generation and people at this point.

Personal Protective Equipment: Use face shields and/or protective chemical eye goggles when mixing. Use disposable chemical resistant gloves for mixing and pouring of product, to limit prolonged contact with the skin.

Respiratory Protection: Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use NIOSH or European Standard EN 149 approved respirators when necessary.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Clear
Odor:	None
PH:	2.
Flash Point:	>100 ⁰ C
Specific Gravity:	1.035-1-040 gms/cc
V.O.C. Content:	0 @ 20 ⁰ C
Solubility in Water:	Miscible
Volatility:	96%

SECTION 10: STABILITY AND REACTIVITY

Stable under normal use conditions. Incompatible with strong reducing agents.

SECTION 11: TOXICOLOGICAL INFORMATION

No data available for this product. Avoid splashes to the eye and breathing of aerosol spray.

SECTION 12: ECOLOGICAL INFORMATION

No data available for this product.

MATERIAL SAFETY DATA SHEET

Green Zone Stencil Remover 200
04/27/2004

SECTION 13: DISPOSAL INFORMATION

DO NOT DUMP RAW MATERIAL INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State/Provincial, and local laws and regulations. Regulations may vary from state to state, and local municipalities. Check with the appropriate regulatory agency for compliance regulations. Waste characterizations and compliance with applicable laws are the sole responsibility of the waste generator.

SECTION 14: TRANSPORTATION INFORMATION

DOT Category: Not Regulated

SECTION 15: REGULATORY INFORMATION

All ingredients are listed chemicals in TSCA Registry. Sulfamic acid can be found on the NJ right to know list. California, no significant risk level.

SECTION 16: OTHER INFORMATION

Disclaimer

The information contained in the Material Safety Sheet is based on technical data that W.M. Plastics, Inc. believes to be reliable, as reported by raw material manufacturers. It is intended for use by persons having their own technical expertise in its use, distribution, disposal, and safety policies / practices at their own discretion and risk. W.M. Plastics, Inc. will not assume any liability in connection with any uses of this information and no warranties, expressed or implied, are made with regards to this information since the conditions of use are outside on W. M. Plastics, Inc.'s control.