

MATERIAL SAFETY DATA SHEET

1: CHEMICAL PRODUCT IDENTIFICATION

Product Name: **SR-45 CONCENTRATED STENCIL REMOVER**
Manufactured for: Lawson Screen Products, Inc. 5110 Penrose Street, Saint Louis, MO 63115 USA
General Information: 314-382-9300
Emergency Phone: CHEMTREC 1-800-424-9300
MSDS Date: June 2006

2: COMPOSITION, INFORMATION ON INGREDIENTS

Component	CAS Number	OSHA PEL	OSHA STEL	ACGIH TLV	ACGIH STEL
Periodate Salt	7790-28-5	1 mg/ m3		NE	

3: HAZARDS IDENTIFICATION

EMERGENCY RESPONSE INFORMATION

HAZARDS, HMIS/NFPA: Toxicity=1, Fire=0, Reactivity=0

HEALTH EFFECTS FROM OVEREXPOSURE

Primary Routes of Exposure: Skin Contact, Eye Contact, Inhalation
Eye Contact: Direct contact with material is destructive upon contact and may cause chemical burns and damage and even blindness.
Skin Contact: Direct contact can cause mild irritation for short term exposure and moderate to severe irritation on long term contact.
Inhalation: Inhalation of mist or spray can cause irritation to nose, throat and lungs.

4: FIRST AID MEASURES

Inhalation: Remove subject to fresh air.
Eye Contact: Immediately flush eyes with a large amount of water for at least 15 minutes, periodically lifting upper and lower eye lids to ensure washing of entire surface. Consult a physician immediately.
Skin Contact: Wash affected skin areas thoroughly with plenty of water. Consult physician if irritation persists.
Ingestion: If swallowed DO NOT induce vomiting. Give large quantities of water to drink. Consult a physician immediately. Never give anything by mouth to an unconscious person.

5: FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES:

Flash Point:	None
Auto-ignition Temperature:	None
Lower Explosion Limit:	None
Upper Explosion Limit:	None

Unusual Hazards: Material will not burn but may spatter above boiling point.

Extinguishing Agents: Use extinguishing media appropriate for surrounding media. Use water spray to cool adjacent fire exposed containers to avoid rupture and spattering.

Personal Protective Equipment: As in any fire, wear self contained breathing apparatus (pressure demand, MSHA/NIOSH approved or equivalent) and full protective gear.

6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Appropriate protective equipment must be worn when handling a spill of this material. See the PERSONAL PROTECTION MEASURES Section for recommendations. If exposed to material during clean-up operations, see the FIRST AID PROCEDURES Section for appropriate actions.
Procedures: Keep spectators away. Floor may be slippery; use care to avoid falling.
Flush spills to holding area and neutralize with soda ash before releasing to sewer using plenty of water.
Contain large spills immediately with inert materials (e.g. sand, earth, absorbent). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.
CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7: HANDLING AND STORAGE

Handling: Avoid all contact with skin, eyes or clothing. Immediately remove and wash contaminated clothing before reuse. Practice good personal hygiene: Wash after handling; shower at end of work period.
Storage Conditions: Protect from freezing and storage temperatures above 120°F to insure material homogeneity. Keep Out of Reach of Children. Store upright in original closed container.

8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection: Use of this product does not require respiratory protection under normal operating conditions.
Eye Protection: Wear safety glasses or chemical splash goggles (ANSI Z87.1 or approved equivalent).
Hand Protection: Wear gloves resistant to water and detergent permeation.
Other Protection: Rubber boots and apron are recommended for large scale product use.
Ventilation: Use with adequate ventilation. Local exhaust ventilation is recommended.
Other Protective Equipment: Eyewash station is recommended for facilities storing or utilizing this material.

9: PHYSICAL AND CHEMICAL PROPERTIES - Typical

State:	Liquid	Vapor Density (Air = 1):	0.62 Water
Appearance:	Clear	Vapor Pressure:	17 mm Hg @ 20°C
Color:	Colorless to light yellow	Freezing Point:	0°C = 32°F Water
Odor:	Characteristic mild	Boiling Point:	100°C = 212°F Water
Viscosity:	Very Thin	Solubility in Water:	Complete
pH:	2 - 4.5	Percent Volatility:	>90%
Specific Gravity @ 60°F	1.024	VOC%:	None
Density:	8.53 lb/gal	HAP%:	None

10: STABILITY AND REACTIVITY

Instability: This material is considered stable.

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide if burned. Reactions with metals can release flammable hydrogen gas.

Hazardous Polymerization: This product will not undergo polymerization.

Incompatibility: This product is functionally not compatible with alkalis and strong oxidizing agents, bleach.

11: TOXICOLOGICAL INFORMATION

Acute Data: Not Known

Sensitization Data: Not Known

Environmental Toxicity: None Known

12: ECOLOGICAL INFORMATION

None Known

13: DISPOSAL CONSIDERATIONS

Procedure: Incinerate liquid and contaminated solids in accordance with local, state and federal regulations.

14: TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Cleaning Compound

HAZARD CLASS: None

15: REGULATORY INFORMATION

WORKPLACE CLASSIFICATIONS

This product is considered to be hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

This product is a 'controlled' product under the Canadian Workplace Hazardous Materials Information System (WHMIS).

EMERGENCY PLANNING AND COMMUNITY RIGHT - TO KNOW (SARA TITLE 3)

Section 311/312 Categorizations (40 CFR 370)

This product is a hazardous material under 29 CFR 1910.1200, and therefore is covered by Title III of SARA.

Section 313 Information (40 CFR 372)

This product does not contain chemicals which are listed in Section 313 at or above the de minimis concentrations.

CERCLA INFORMATION (40 CFR 302.4)

Releases of this material to air, land or water may be reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to the state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

RCRA INFORMATION

When a decision is made to discard this material as supplied, it does meet

RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

CHEMICAL CONTROL LAW STATUS

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

16: OTHER SUPPLEMENTAL INFORMATION

ABBREVIATIONS

ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
TLV	Threshold Limit Value
PEL	Permissible Exposure Limit
TWA	Time Weighted Average
STEL	Short Term Exposure Limit
BAC	Butyl acetate
NE	Not Established
ND	Not Determined
NA	Not Applicable

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