

MATERIAL SAFETY DATA SHEET

Magic-Clean #485

1: CHEMICAL PRODUCT IDENTIFICATION

Product Name: Magic-Clean #485

Emergency Phone: CHEMTREC 1-800-424-9300

General Information: 314-382-9300

Manufactured for: Lawson Screen Products, Inc. 5110 Penrose Street Saint Louis MO 63115

Product Code: 497-117-4

MSDS Date: March 4, 2013

2: COMPOSITION, INFORMATION ON INGREDIENTS

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Component	Amount %	CAS Number	OSHA PEL	OSHA STEL	ACGIH TLV	ACGIH STEL
Limonene	20 - 40	5989-27-5	NE	NE	300 ppm	NE
Propylene Glycol Ethers	40 - 60	57018-52-7	NE		NE	
Aromatic Solvent Naphtha	10 - 20	64742-95-6	50 ppm		50 ppm	

3: HAZARDS IDENTIFICATION

EMERGENCY RESPONSE INFORMATION

HAZARDS, HMIS/NFPA: Toxicity=1, Fire=2, Reactivity=0

Danger! Combustible liquid and vapor. Harmful if inhaled. High vapor concentrations may cause dizziness. May cause skin irritation. Causes eye irritation.

HEALTH EFFECTS FROM OVEREXPOSURE

Primary Routes of Exposure: Skin Contact, Eye Contact, Inhalation, Ingestion

Eye Contact: Direct contact with material can cause severe irritation.

Skin Contact: May cause irritation with prolonged or repeated contact. Removes natural oils and fats from skin.

Inhalation: Inhalation of mist or spray can cause respiratory irritation, or headache and dizziness in high concentration.

Ingestion: Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury. This product has a low order of oral toxicity.

4: FIRST AID MEASURES

Inhalation: Remove subject to fresh air. If not breathing, give artificial respiration. Obtain medical assistance.

Eye Contact: Flush eyes with a large amount of water for at least 15 minutes.

Consult a physician if irritation persists.

Skin Contact: Wash affected skin areas thoroughly with soap and water until no odor remains. If redness or swelling develops, consult a physician. Immediately remove contaminated clothing and wash before reuse.

Ingestion: Do Not induce vomiting! Do Not give liquids. Obtain Emergency Medical Attention.

5: FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES:

Flash Point: 105°F TCC = 41°C

Auto-ignition Temperature: 660°F = 348.8°C

Lower Explosion Limit: 1.1% Volume

Upper Explosion Limit: 9.8% Volume

Unusual Hazards: Combustible liquid; will release vapors that may ignite if exposed to an ignition source. Toxic gases will form upon combustion. Material will emulsify and then break and float on water.

5: FIRE FIGHTING MEASURES (Continued)

Extinguishing Agents: Water spray, regular foam, dry chemical, carbon dioxide are appropriate. 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 Section for recommendations. If exposed to material during clean-up operations, see the FIRST AID MEASURES Section for appropriate actions.

Procedures: Prevent ignition; stop leak; ventilate area; contain spill immediately with inert absorbent materials. Transfer liquids and solid material to separate suitable containers for recovery or disposal.

7: HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes or clothing. Avoid breathing of mist or vapor. Never siphon by mouth. Remove and wash contaminated clothing before reuse. Wash after handling; shower at end of work period.

Storage Conditions: Keep away from heat, sparks and open flame. Protect from storage temperatures above 120°F. Keep in a well ventilated space that is NFPA Class 1C. Consult NFPA and OSHA codes. 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. Use of local exhaust ventilation is recommended, especially for confined spaces.

Eye Protection: Wear safety glasses or chemical splash goggles (ANSI Z87.1 or approved equivalent).

Hand Protection: Wear gloves resistant to solvent permeation: neoprene, nitrile, polyvinyl alcohol, viton.

Other Protection: None required.

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 pressure:	<12 mm Hg @ 25°C
Appearance:	Clear	Freezing Point:	<-76°C = -60°F
Color:	Colorless	Boiling Point:	248°F IBP
Odor:	Characteristic pleasant	Solubility in water:	Appreciable, emulsifiable
pH:	Slightly acidic in water	Percent Volatility:	98%
Specific Gravity @ 60°F:	0.8776	VOC %:	98% = 7.16 lb/gal
Density @ 60°F:	7.31 lb/gal	HAP %:	None

10: STABILITY AND REACTIVITY

Instability: This material is considered stable.

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide if burned.

Hazardous Polymerization: This product will not undergo polymerization.

Incompatibility: This product is not compatible with strong acids and strong oxidizing agents.

11: TOXICOLOGICAL INFORMATION

Overexposure to high vapor concentrations can cause eye, nose, throat, lung irritation; CNS effects, dizziness, difficulty in breathing. Prolonged exposures can cause brain, liver, kidney effects/damage.

Skin contact can incur absorption. Repeated or prolonged contact is irritating.

Eye contact is irritating.

Oral consumption is harmful if swallowed. Pulmonary aspiration can enter lungs and cause damage.

12: ECOLOGICAL INFORMATION

Toxic to fish and food organisms.

13: DISPOSAL CONSIDERATIONS

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

14: TRANSPORTATION INFORMATION

Proper Shipping Name: Combustible Liquid, n.o.s.

Contains: Limonene

Hazard Class: Combustible Liquid

Identification No.: NA1993

Packing Group: III

Label: Combustible Liquid

Emergency Response Guide No.: 27 / 128

RQ: None

National Motor Freight Classification 65

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). Status is not available.

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

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 and is classified into the following hazard categories:

Immediate (Acute) Health

Delayed (Chronic) Health

Fire

15: REGULATORY INFORMATION (Continued)

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 are 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 and is listed in 40 CFR 261.33.

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

The information contained herein pertains only to the specific material identified. Lawson Screen Products, Inc., believes that such information and recommendations set forth herein are accurate and reliable as of the date of this material safety data sheet, but Lawson Screen Products, Inc., makes no representation as to the completeness or accuracy thereof and supplies the information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will Lawson Screen Products, Inc., be responsible for any damage of any nature whatsoever resulting from the use of or reliance upon this information. No representation, guarantee or warranty, either express or implied, is made hereunder as to the accuracy, reliability, completeness of the information, of merchantability, of fitness for a particular purpose or of any other nature, with respect to information or the product to which it refers.