

**GRAYLING INDUSTRIES, INC.**  
**MATERIAL SAFETY DATA SHEET – CONTROL V-LOW MASTIC REMOVER**

This Material Safety Data Sheet (MSDS) conforms to the requirements of ANSI Z400.1.  
THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

**IMPORTANT:** Read this MSDS before handling & disposing of this product.

Pass this information on to employees, customers, & users of this product.

**SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

Product Name: **CONTROL V-LOW MASTIC REMOVER**

Item Number: 19195

**MANUFACTURER:**

Grayling Industries, Inc.

1008 Branch Drive

Alpharetta, GA 30004

Date Prepared: May 22, 2006

**EMERGENCY PHONE NUMBER:**

**1.800.535.5053 (Infotrac)**

**INFORMATION: 1.800.635.1551**

**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

	<u>CAS Number</u>
Medium Aliphatic Solvent Naphtha	64742-88-7
Surfactant	
2 (2-Butoxyethoxy) Ethanol	112-34-5

**SECTION 3. HAZARDS IDENTIFICATION**

**RISK STATEMENTS:**

**R65** Harmful: May cause lung damage if swallowed.

**R36 / 37 / 38** Irritating to eyes, respiratory system and skin

**Safety Statement:**

**S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**SECTION 4. FIRST AID MEASURES**

**Eye Contact:**

For Eyes, flush with plenty of water for 15 minutes and get medical attention.

**Skin Contact:**

In case of contact with skin immediately remove contaminated clothing. Wash skin thoroughly with soap and water. Wash contaminated clothing before reuse.

**Inhalation:**

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration.

**Swallowing:**

If swallowed, **CALL A PHYSICIAN IMMEDIATELY! DO NOT INDUCE VOMITING!**  
Inducing Vomiting may cause aspiration into the lungs.

## SECTION 5. FIRE FIGHTING MEASURES

### Extinguishing Media:

NFPA Class B extinguishers (Carbon Dioxide or foam) for Class IIIA liquid fires.

### Special Fire Fighting Procedures:

Water spray may be ineffective on fire, but can protect fire-fighters and cool closed containers.

Use fog nozzles if water is used. Do Not Enter Confined Fire-Space without full bunker gear.

(Helmet with face shield, bunker coats, gloves and rubber boots).

Use NIOSH approved positive-pressure self-contained breathing apparatus.

### Unusual Explosion and Fire Procedures:

#### **COMBUSTIBLE!**

Keep Container tightly closed.

Isolate from oxidizers, heat, and open flame.

Closed containers may explode if exposed to extreme heat.

Applying to hot surfaces requires special precautions.

Empty container very hazardous! Continue all label precautions !

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Containment Techniques:

Keep unprotected personnel away. Wear appropriate personal protective equipment given in Section 8. Ventilate spill area. Stop spill at source. Dike and contain.

### Clean-Up Procedures:

Clean up remainder with absorbent material. Mop up and dispose.

## SECTION 7. HANDLING AND STORAGE

### Handling:

Isolate from oxidizers, heat, and open flame.

Use only with adequate ventilation. Avoid breathing of vapor or spray mist.

Do not get in eyes, on skin, or on clothing.

Wear OSHA Standard Goggles or face shield. Consult Safety Equipment Supplier.

Wear gloves, apron, and footwear impervious to this material. Wash clothing before reuse.

Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, braze, or weld.

Empty container very hazardous! Continue all label precautions!

### Storage:

Store large amounts in structures made for OSHA Class IIIA liquids.

Keep container tightly closed and upright when not in use to prevent leakage.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Respiratory Exposure Controls

A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z86.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

### Ventilation:

Local Exhaust : Necessary  
Mechanical (General) : Acceptable  
Special : None  
Other : None

Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

### Personal Protection

Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.  
Wear gloves, apron, and footwear impervious to this material.  
Wash clothing before reuse.

### Work and Hygienic Practices

Provide readily accessible eye wash stations and safety showers.  
Wash at end of each work shift and before eating, smoking, or using the toilet.  
Promptly remove clothing that becomes contaminated. Destroy contaminated leather articles, Launder or discard contaminated clothing.

## SECTION 9. PHYSICAL DATA

<b>Appearance:</b>	Liquid, Water-White
<b>Odor:</b>	Mild
<b>Boiling Range:</b>	183° 191° 223°* C / 362° 376° 435°* F (*=End Point)
<b>Auto Ignition Temperature:</b>	260° C / 500° F (Lowest Component)
<b>Lower Flammable Limit In Air (% by vol):</b>	0.9
<b>Flash Point (Test Method)</b>	60° C / 141° F (TCC) (Lowest Component)
<b>Flammability Classification:</b>	Class IIIA
<b>Gravity @ 68/68° F / 20/20° C:</b>	
<b>API:</b>	47.4
<b>Specific Gravity (Water=1) :</b>	0.791
<b>Pounds/Gallon:</b>	6.587
<b>VOC'S (&gt;0.44 lbs/Sq.Inch)</b>	0.0 Vol. % / 0.0 g/L / 0.000 Lbs/Gal
<b>TOTAL VOC's (TVOC):</b>	98.0 Vol. % / 771.3 g/L / 6.424 Lbs/Gal
<b>Nonexempt VOC's (CVOC):</b>	98.0 Vol. % / 771.3 g/L / 6.424 Lbs/Gal
<b>Hazardous Air Pollutants (HAPS):</b>	1.2 Wt. % / 9.6 g/L / 0.079 Lbs/Gal
<b>Vapor Pressure (mm of Hg) @20°C</b>	0.5
<b>Nonexempt VOC Partial Pressure (mm of Hg @ 20°C)</b>	0.5
<b>Vapor Density (air=1) :</b>	5.2
<b>Water Absorption:</b>	Moderate
<b>Refractive Index:</b>	1.436
<b>Mixed Aniline Point (Acid Insol):</b>	67°C / 154°F

## SECTION 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to Avoid:** Isolate from oxidizers, heat, and open flame.

**Materials to Avoid:** Isolate from strong oxidizers such as permanganates, chromates & peroxides.

**Hazardous Decomposition Products:** Carbon Monoxide, Carbon Dioxide, Carbon Oxides  
from burning.

**Hazardous Polymerization:** Will not occur.

## SECTION 11. TOXICOLOGICAL INFORMATION

MATERIAL	CAS#	TWA (OSHA)	TLV (ACGIH)	HAP
Medium Aliphatic Solvent Naphtha	*64742-88-7	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	NO
Surfactant	0	None Known	None Known	NO
2 (2-Butoxyethoxy) Ethanol	112-34-5	None Known	25 ppm	YES

In addition to EPA Hazardous Air Pollutants Showing 'Yes' under "HAP" above, using manufacturers' data, based on EPA Method 311, the following EPA Hazardous Air Pollutants may be present in trace amounts (less than 0.1%): Cumene, Polycyclic Aromatics

MATERIAL	CAS#	CEILING	STEL (OSHA/ACGIH)
		None Known	None Known

### ACUTE HAZARDS

#### EYE & SKIN CONTACT:

Primary irritation to skin, defatting, dermatitis.

Absorption thru skin increases exposure.

Primary irritation to eyes, redness, tearing, blurred vision.

Liquid can cause eye irritation. Wash thoroughly after handling.

#### INHALATION:

Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.

#### SWALLOWING:

Harmful or fatal if swallowed.

Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

### SUBCHRONIC HAZARDS / CONDITIONS AGGREGATED

#### CONDITIONS AGGREGATED:

Persons with severe skin, liver, or kidney problems should avoid use.

## SECTION 11. TOXICOLOGICAL INFORMATION (CONTINUED)

### CHRONIC HAZARDS

#### CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

Leukemia has been reported in humans from Benzene.  
This product contains less than 1 ppm of Benzene.  
Not considered hazardous in such low concentrations.  
Absorption thru skin may be harmful.

## SECTION 12. ECOLOGICAL INFORMATION

#### MAMMALIAN INFORMATION:

MATERIAL	CAS #	LOWEST KNOWN LETHAL DOSE DATA LOWEST KNOWN LD50 (ORAL)
Diethylene Glycol Butyl Ether	112-34-5	6560.0 mg/kg (Rats)

#### AQUATIC ANIMAL INFORMATION:

No aquatic environmental information is available on this product.

#### MOBILITY:

This material is a mobile liquid.

#### DEGRADABILITY:

This product is partially biodegradable.

#### ACCUMULATION:

Bioaccumulation of this product has not been determined.

## SECTION 13. DISPOSAL CONSIDERATION

Processing, use or contamination may change the waste management options.  
Recycle / dispose of observing national, regional, state, provincial and local health, safety, and pollution laws. If in doubt, contact appropriate agencies.

## SECTION 14. TRANSPORT INFORMATION

#### DOT SHIPPING NAME: BULK:

Compound Cleaning Liquid, Combustible liquid, NA1993, PG-III Combustible liquid.  
Not DOT regulated on trucks in containers of < 119 gallons.

DRUM LABEL:	None (Combustible Liquid)
IATA / ICAO:	None
IMO / IMDG:	None
EMERGENCY RESPONSE GUIDBOOK NUMBER:	128

## SECTION 15. REGULATORY INFORMATION

### EPA REGULATION:

SARA SECTION 311/312 HAZARDS: Acute Health, Fire

All components of this product are on the TSCA list.

### SARA Title III Section 313 Supplier Notification

This product contains the indicated <\*> toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for this material.

SARA TITLE III INGREDIENTS	CAS #	WT. % (REG.SECTION)	RQ (LBS)
*2 (2-Butoxyethoxy) Ethanol		112-34-5 < 2 (313)	None

### INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the following countries: Australia, Canada, Europe (EINECS), Japan, Korea, United Kingdom.

## SECTION 16. OTHER INFORMATION

### HAZARD RATINGS:

HEALTH (NFPA): 1, HEALTH (HMIS): 1, FLAMMABILITY: 2, REACTIVITY: 0

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

### EMPLOYEE TRAINING:

Employees should be made aware of all hazards of this material (as stated in this MSDS) before handling it.

### NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications.

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency.

Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.