



SAFETY DATA SHEET

Issue Date 22-May-2006

Revision Date 31-May-2013

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Control V-Low Mastic Remover

Other Means of Identification

SDS # GI-009

UN/ID No NA1993

Product Code 19195

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Mastic remover.

Details of the Supplier of the Safety Data Sheet

Supplier Address

Grayling Industries, Inc.
1008 Branch Drive
Alpharetta, GA 30004

Emergency Telephone Number

Company Phone Number 1-800-635-1551

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Acute toxicity - Inhalation (Vapors)	Category 3
Aspiration toxicity	Category 1
Flammable liquids	Category 4

Signal Word

DANGER

Hazard Statements

Toxic if inhaled

May be fatal if swallowed and enters airways

Combustible liquid



Appearance Water white liquid

Physical State Liquid

Odor Mild

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Wear protective gloves/protective clothing/eye protection/face protection
 Keep cool

Precautionary Statements - Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Call a POISON CENTER or doctor/physician
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 Do NOT induce vomiting
 In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up
 Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed
 May be harmful in contact with skin

Other Hazards

Harmful to aquatic life with long lasting effects
 Harmful to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Aliphatic Hydrocarbon Solvent	64742-88-7	Proprietary
2-(2-butoxyethoxy)ethanol	112-34-5	Proprietary

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures

- Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
- Skin Contact** Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
- Inhalation** After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention.
- Ingestion** Do NOT induce vomiting. DO NOT induce vomiting because of danger of aspirating liquid into lungs. Call a physician or poison control center immediately.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms Skin contact can lead to drying, defatting, itching, stinging and irritation. May cause severe irritation with redness, pain, and blurred vision. Overexposure by inhalation may cause CNS depression- drowsiness, dizziness, confusion or loss of coordination. May cause nausea, vomiting, stomach ache, and diarrhea.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO2). Foam. Use fire extinguishers with class B extinguishing agents.

Unsuitable Extinguishing Media Water spray may be ineffective. If water is used, fog nozzles are preferable.

Specific Hazards Arising from the Chemical

Cool surrounding equipment, fire-exposed containers, and structures with water.

Hazardous Combustion Products Carbon oxides.

Protective Equipment and Precautions for Firefighters

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 Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protection recommended in Section 8. Ventilate area of leak or spill.

Other Information Keep unnecessary and unprotected personnel from entering.

Methods and Material for Containment and Cleaning Up

Methods for Containment Stop the flow of material, if this is without risk. Dike and contain spill.

Methods for Cleaning Up Absorb with inert material, and then place in suitable container for chemical waste. Mop up and dispose of spilled material.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Avoid breathing vapors or mists. Use only in well-ventilated areas. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use personal protection recommended in Section 8. Do not get in eyes, on skin, or on clothing. Avoid free fall of liquid. Ground/bond container and receiving equipment. Do not flame, cut, braze weld or melt empty containers. Emptied container retains product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep containers closed when not in use and upright to prevent leakage. Store large amounts in structures made for OSHA Class IIIA liquids.

Incompatible Materials Strong oxidizers such as permanganate. Chromates. Peroxides.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No exposure limits noted for ingredient(s)

Appropriate Engineering Controls

Engineering Controls Provide adequate ventilation. Eyewash stations. Showers.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Wear approved safety goggles.

Skin and Body Protection Use impervious gloves. An apron or other impermeable body protection is suggested. Wear suitable protective clothing and footwear appropriate for the risk of exposure.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Mild
Appearance	Water white liquid	Odor Threshold	Not determined
Color	Water white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	183-223 °C / 362-435 °F	
Flash Point	60 °C / 141 °F	Tag Closed Cup Lowest Component
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	0.9%	
Vapor Pressure	0.5 mm Hg	@20°C
Vapor Density	5.2	(Air=1)
Relative Density (Specific Gravity)	0.791	(1=Water)
Water Solubility	Moderately Soluble	
Solubility in Other Solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	260 °C / 500 °F	Lowest Component
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
Additional Information	Refractive Index: 1.436	
	Mixed Aniline Point (Acid Insol): 67°C/154°F	
VOC Content (%)	98%	
VOC Content	771.3 g/L	
Density	6.587 lb/gal	

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life Harmful to aquatic life with long lasting effects

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Aliphatic Hydrocarbon Solvent 64742-88-7	450: 96 h Pseudokirchneriella subcapitata mg/L EC50	800: 96 h Pimephales promelas mg/L LC50 static		100: 48 h Daphnia magna mg/L EC50
2-(2-butoxyethoxy)ethanol 112-34-5	100: 96 h Desmodesmus subspicatus mg/L EC50	1300: 96 h Lepomis macrochirus mg/L LC50 static		2850: 24 h Daphnia magna mg/L EC50 100: 48 h Daphnia magna mg/L EC50

Persistence and Degradability

This product is partially biodegradable

Bioaccumulation

Not determined

Mobility

This material is a mobile liquid

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. DOT Ground - "Non-bulk shipments may be non-regulated per 49CFR 173.150(f)(2)".

DOT

UN/ID No NA1993
Proper Shipping Name Combustible liquid, n.o.s. (Petroleum distillates)
Hazard Class Comb Liq
Packing Group III

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Listed
DSL	Listed
EINECS	Listed
ENCS	Listed
KECL	Listed
AICS	Listed

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*

US Federal Regulations

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Fire hazard	Yes

SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
2-(2-butoxyethoxy)ethanol - 112-34-5	112-34-5	Proprietary	1.0

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Aliphatic Hydrocarbon Solvent 64742-88-7	X		
2-(2-butoxyethoxy)ethanol 112-34-5	X		X

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	2	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	2	0	Not determined

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet