

## 1 Identification

- Product identifier
- Trade name: Easily Removable Ink (Green)
- Article number: 10000000505
- Relevant identified uses of the substance or mixture and uses advised against  
Currently no such applications are identified
- Application of the substance / the mixture Easily Removable Ink
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:  
Viscot Medical, LLC.  
32 West Street  
East Hanover, NJ 07936  
Phone: 973-887-9273  
Fax: 973-887-3961  
www.viscot.com
- Information department:  
Tel.: 973-887-9273
- Emergency telephone number  
973-887-9273

## 2 Hazard(s) identification

- Classification of the substance or mixture



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.  
STOT SE 3 H336 May cause drowsiness or dizziness.

- Label elements
- GHS label elements  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms



GHS02



GHS07

- Signal word Danger
- Hazard-determining components of labeling:  
1-methoxy-2-propanol  
propan-2-ol
- Hazard statements  
Highly flammable liquid and vapor.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.
- Precautionary statements  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Wear protective gloves / eye protection / face protection.  
Wear eye protection / face protection.  
Ground/bond container and receiving equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/  
shower.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and  
easy to do. Continue rinsing.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Call a poison center/doctor if you feel unwell.

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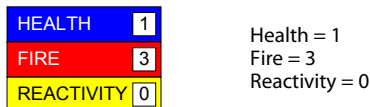
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If eye irritation persists: Get medical advice/attention.  
In case of fire: Use for extinction: CO2, powder or water spray.  
Store locked up.  
Store in a well-ventilated place. Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

- Classification system:
- NFPA ratings (scale 0 - 4)



- HMIS-ratings (scale 0 - 4)



- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

### 3 Composition/information on ingredients

- Chemical characterization: Mixtures  
Mixture of the following substances, containing non-hazardous substances and colouring agents.
- Description: Mixture of the substances listed below with nonhazardous additions.

- Dangerous components:

64-17-5	ethanol	50-100%
107-98-2	1-methoxy-2-propanol	10-25%
67-63-0	propan-2-ol	2.5-10%

- Additional information: For the wording of the listed risk phrases refer to section 16.

### 4 First-aid measures

- Description of first aid measures
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact:  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: If symptoms persist consult doctor.
- Information for doctor:  
Most important symptoms and effects, both acute and delayed  
No further relevant information available.
- Indication of any immediate medical attention and special treatment needed  
No further relevant information available.

### 5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents:  
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture  
No further relevant information available.
- Advice for firefighters
- Protective equipment: No special measures required.

### 6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures  
Wear protective equipment. Keep unprotected persons away.  
Wear protective clothing.
- Environmental precautions:  
Prevent seepage into sewage system, workpits and cellars.  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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- Ensure adequate ventilation.
- Reference to other sections  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## 7 Handling and storage

- Handling:
  - Precautions for safe handling  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
  - Information about protection against explosions and fires:  
Keep ignition sources away - Do not smoke.  
Protect from heat.  
Protect against electrostatic charges.
- Conditions for safe storage, including any incompatibilities
- Storage:
  - Requirements to be met by storerooms and receptacles: Store in a cool location.
  - Information about storage in one common storage facility: Not required.
  - Further information about storage conditions:  
Keep receptacle tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.  
Protect from heat and direct sunlight.
- Specific end use(s) No further relevant information available.

## 8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Control parameters

- Components with limit values that require monitoring at the workplace:

64-17-5 ethanol (50-100%)

PEL	Long-term value: 1900 mg/m <sup>3</sup> , 1000 ppm
REL	Long-term value: 1900 mg/m <sup>3</sup> , 1000 ppm
TLV	Short-term value: 1880 mg/m <sup>3</sup> , 1000 ppm

107-98-2 1-methoxy-2-propanol (10-25%)

REL	Short-term value: 540 mg/m <sup>3</sup> , 150 ppm Long-term value: 360 mg/m <sup>3</sup> , 100 ppm
TLV	Short-term value: 369 mg/m <sup>3</sup> , 100 ppm Long-term value: 184 mg/m <sup>3</sup> , 50 ppm

67-63-0 propan-2-ol (2.5-10%)

PEL	Long-term value: 980 mg/m <sup>3</sup> , 400 ppm
REL	Short-term value: 1225 mg/m <sup>3</sup> , 500 ppm Long-term value: 980 mg/m <sup>3</sup> , 400 ppm
TLV	Short-term value: 984 mg/m <sup>3</sup> , 400 ppm Long-term value: 492 mg/m <sup>3</sup> , 200 ppm BEI

- Ingredients with biological limit values:

67-63-0 propan-2-ol (2.5-10%)

BEI	40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific)
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- Additional information: The lists that were valid during the creation were used as basis.
- Exposure controls
- Personal protective equipment:
  - General protective and hygienic measures:  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes.  
Avoid contact with the eyes and skin.
  - Breathing equipment:  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
  - Protection of hands:  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Tightly sealed goggles

**9 Physical and chemical properties**

<ul style="list-style-type: none"> <li>Information on basic physical and chemical properties</li> <li>General Information</li> <li>Appearance:                             <ul style="list-style-type: none"> <li>Form: Fluid</li> <li>Color: According to product specification</li> </ul> </li> <li>Odor: Alcohol-like</li> <li>Odour threshold: Not determined.</li> </ul>
<ul style="list-style-type: none"> <li>Important information on protection of health and environment, and on safety. -</li> </ul>
<ul style="list-style-type: none"> <li>pH-value: Not determined.</li> </ul>
<ul style="list-style-type: none"> <li>Change in condition                             <ul style="list-style-type: none"> <li>Melting point/Melting range: Undetermined.</li> <li>Boiling point/Boiling range: 78 °C (172 °F)</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>Flash point: 13 °C (55 °F)</li> </ul>
<ul style="list-style-type: none"> <li>Flammability (solid, gaseous): Not applicable.</li> </ul>
<ul style="list-style-type: none"> <li>Ignition temperature: 287 °C (549 °F)</li> </ul>
<ul style="list-style-type: none"> <li>Decomposition temperature: Not determined.</li> </ul>
<ul style="list-style-type: none"> <li>Auto igniting: Product is not selfigniting.</li> </ul>
<ul style="list-style-type: none"> <li>Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.</li> </ul>
<ul style="list-style-type: none"> <li>Explosion limits:                             <ul style="list-style-type: none"> <li>Lower: 1.7 Vol %</li> <li>Upper: 15.0 Vol %</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>Vapor pressure at 20 °C (68 °F): 59 hPa (44 mm Hg)</li> </ul>
<ul style="list-style-type: none"> <li>Density: Not determined.</li> <li>Relative density: Not determined.</li> <li>Vapour density: Not determined.</li> <li>Evaporation rate: Not determined.</li> </ul>
<ul style="list-style-type: none"> <li>Solubility in / Miscibility with                             <ul style="list-style-type: none"> <li>Water: Partly miscible.</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>Partition coefficient (n-octanol/water): Not determined.</li> </ul>
<ul style="list-style-type: none"> <li>Viscosity:                             <ul style="list-style-type: none"> <li>Dynamic: Not determined.</li> <li>Kinematic: Not determined.</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>Solvent content:                             <ul style="list-style-type: none"> <li>Organic solvents: 81.6 %</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>Solids content: 7.4 %</li> <li>Other information: The physical and chemical properties given in Section 9.1 are rough data only, which are partially derived from the component's data of the mixture. These data are no binding product specifications.</li> </ul>




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<ul style="list-style-type: none"> <li>Transport hazard class(es)</li> <li>DOT</li> </ul> 	<ul style="list-style-type: none"> <li>Class</li> <li>Label</li> </ul>	<ul style="list-style-type: none"> <li>3 Flammable liquids</li> <li>3</li> </ul>
<ul style="list-style-type: none"> <li>ADR</li> </ul> 	<ul style="list-style-type: none"> <li>Class</li> <li>Label</li> </ul>	<ul style="list-style-type: none"> <li>3 (F1) Flammable liquids</li> <li>3</li> </ul>
<ul style="list-style-type: none"> <li>IMDG, IATA</li> </ul> 	<ul style="list-style-type: none"> <li>Class</li> <li>Label</li> </ul>	<ul style="list-style-type: none"> <li>3 Flammable liquids</li> <li>3</li> </ul>
<ul style="list-style-type: none"> <li>Packing group</li> <li>DOT, ADR, IMDG, IATA</li> </ul>		<ul style="list-style-type: none"> <li>II</li> </ul>
<ul style="list-style-type: none"> <li>Environmental hazards:</li> <li>Marine pollutant:</li> </ul>		<ul style="list-style-type: none"> <li>No</li> </ul>
<ul style="list-style-type: none"> <li>Special precautions for user</li> <li>Danger code (Kemler):</li> <li>EMS Number:</li> </ul>		<ul style="list-style-type: none"> <li>Warning: Flammable liquids</li> <li>33</li> <li>F-E,S-E</li> </ul>
<ul style="list-style-type: none"> <li>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</li> </ul>		<ul style="list-style-type: none"> <li>Not applicable.</li> </ul>
<ul style="list-style-type: none"> <li>Transport/Additional information:</li> <li>DOT</li> <li>Quantity limitations</li> </ul>		<ul style="list-style-type: none"> <li>On passenger aircraft/rail: 5 L</li> <li>On cargo aircraft only: 60 L</li> </ul>
<ul style="list-style-type: none"> <li>ADR</li> <li>Excepted quantities (EQ)</li> </ul>		<ul style="list-style-type: none"> <li>Code: E2</li> <li>Maximum net quantity per inner packaging: 30 ml</li> <li>Maximum net quantity per outer packaging: 500 ml</li> </ul>
<ul style="list-style-type: none"> <li>IMDG</li> <li>Limited quantities (LQ)</li> <li>Excepted quantities (EQ)</li> </ul>		<ul style="list-style-type: none"> <li>5L</li> <li>Code: E2</li> <li>Maximum net quantity per inner packaging: 30 ml</li> <li>Maximum net quantity per outer packaging: 500 ml</li> </ul>
<ul style="list-style-type: none"> <li>UN "Model Regulation":</li> </ul>		<ul style="list-style-type: none"> <li>UN1263, Paint, 3, II</li> </ul>

**15 Regulatory information**

<ul style="list-style-type: none"> <li>Safety, health and environmental regulations/legislation specific for the substance or mixture</li> <li>Sara</li> </ul>	
<ul style="list-style-type: none"> <li>Section 355 (extremely hazardous substances):</li> </ul>	None of the ingredient is listed.
<ul style="list-style-type: none"> <li>Section 313 (Specific toxic chemical listings):</li> </ul>	None of the ingredients is listed.
<ul style="list-style-type: none"> <li>TSCA (Toxic Substances Control Act):</li> </ul>	All ingredients are listed.
<ul style="list-style-type: none"> <li>Proposition 65</li> </ul>	
<ul style="list-style-type: none"> <li>Chemicals known to cause cancer:</li> </ul>	None of the ingredients is listed.
<ul style="list-style-type: none"> <li>Chemicals known to cause reproductive toxicity for females:</li> </ul>	None of the ingredients is listed.

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<ul style="list-style-type: none"> <li>Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.</li> </ul>	
<ul style="list-style-type: none"> <li>Chemicals known to cause developmental toxicity: 64-17-5 ethanol</li> </ul>	
<ul style="list-style-type: none"> <li>DSL/NDSL (Canada) All ingredients are listed</li> <li>Carcinogenicity categories</li> </ul>	
<ul style="list-style-type: none"> <li>EPA (Environmental Protection Agency) None of the ingredients is listed.</li> </ul>	
<ul style="list-style-type: none"> <li>TLV (Threshold Limit Value established by ACGIH) 64-17-5 ethanol</li> </ul>	
67-63-0 propan-2-ol	A4
<ul style="list-style-type: none"> <li>MAK (German Maximum Workplace Concentration) 64-17-5 ethanol</li> </ul>	
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<ul style="list-style-type: none"> <li>NIOSH-Ca (National Institute for Occupational Safety and Health) None of the ingredients is listed.</li> </ul>	

- GHS label elements  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms



GHS02



GHS07

- Signal word Danger
  - Hazard-determining components of labeling:  
1-methoxy-2-propanol  
propan-2-ol
  - Hazard statements  
Highly flammable liquid and vapor.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.
  - Precautionary statements  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Wear protective gloves / eye protection / face protection.  
Wear eye protection / face protection.  
Ground/bond container and receiving equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Call a poison center/doctor if you feel unwell.  
If eye irritation persists: Get medical advice/attention.  
In case of fire: Use for extinction: CO2, powder or water spray.  
Store locked up.  
Store in a well-ventilated place. Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.  
Dispose of contents/container in accordance with local/regional/national/international regulations.
  - National regulations:
  - Technical instructions (air):
- | Class | Share in % |
|-------|------------|
| NK    | 50-100     |
- Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
  - Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Date of preparation / last revision 05/26/2015 / 19
- Abbreviations and acronyms:  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

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US