

# MATERIAL SAFETY DATA SHEET

## SECTION I PRODUCT IDENTIFICATION

**Product Name:** 235610 Vandal Mark Remover  
**WHMIS Class** E, B5, A  
**Manufacturer Name & Address:**  
Dymon, Inc.  
805 E. Old 56 Hwy.  
Olathe, KS 66061  
**Telephone:** (913) 397-9889  
**Emergency Contact:** INFOTRAC (800) 535-5053

	HMIS
<b>Health</b>	3
<b>Flammability</b>	2
<b>Reactivity</b>	0
<b>Personal Protection</b>	B

## SECTION II: HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC<sub>50</sub></u>	<u>LD<sub>50</sub></u>
Toluene	108-88-3	10-30	50 ppm TWA	8000 ppm 4hr., rat	2500 mg/kg oral, rat
Isobutane	75-28-5	7-13	800 ppm TWA	Not available	Not available
2-Butoxyethanol	111-76-2	5-10	25 ppm skin	926 ppm 4hr., rat	220 mg/kg dermal, rabbit
Propane	74-98-6	3-7	1000 ppm TWA	280,000 ppm 4hr., rat	Not available
Acetone	67-64-1	1-5	750 ppm TWA	70850 mg/m <sup>3</sup> 4hr., rat	3000 mg/kg oral, mouse
Oleic acid	112-80-1	1-5	Not available	Not available	57300 mg/kg oral, rat

## SECTION III: PHYSICAL DATA

<b>Boiling Point (deg C):</b> 55.6	<b>Specific Gravity (H<sub>2</sub>O = 1):</b> 0.95
<b>Pressure (kPa @ 21.1 deg C):</b> 275	<b>% Volatile (Wt %):</b> 94
<b>Vapour Density (Air = 1):</b> >1	<b>Evaporation Rate (BuAc = 1):</b> Not available
<b>Solubility in Water:</b> Miscible	<b>pH (liquid):</b> 12-13
<b>Physical State:</b> Paste (aerosol)	<b>Viscosity:</b> Not available
<b>Appearance and Odour:</b> Opaque white, aromatic odour	<b>Odour Threshold (ppm):</b> Not available

## SECTION IV: FIRE AND EXPLOSION DATA

**Flammability:** Flammable aerosol by flame projection test.  
**Flash Point (deg C, TCC):** 21.1 (liquid)      **LEL** Not available      **UEL** Not available  
**Hazardous Combustion Products:** Oxides of carbon  
**Autoignition Temperature (deg C):** Not available  
**Means of Extinction:** Foam, dry chemical, carbon dioxide  
**Special Fire Hazards:** Contents under pressure. Container may explode with heat. Keep away from open flame. Cool with water spray and remove source of ignition if safe. Fire-fighters should wear self-contained breathing apparatus. Vapours can accumulate in low areas.

## SECTION V: REACTIVITY DATA

**Conditions for Chemical Instability:** Stable.  
**Incompatible Materials:** Strong oxidizing agents, strong acids, chlorine.  
**Reactivity, and Under What Conditions:** Not available.  
**Hazardous decomposition products:** Oxides of carbon..

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**SECTION VI: TOXICOLOGICAL PROPERTIES**

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**Route of Entry :** Eye, Skin contact, Inhalation

**Effects of Acute Exposure :**

**Eye & Skin:** Corrosive. Contact can cause burns.

**Inhalation:** May cause nose, throat and respiratory tract irritation, coughing and headache. Deliberate inhalation can be harmful or fatal.

**Ingestion :** Ingestion is not a likely route of exposure.

**Effects of Chronic Exposure :**

**Skin:** Can be absorbed through skin in toxic amounts if contact is repeated or prolonged.

**Irritancy :** Hazardous by WHMIS criteria.

**Respiratory Tract Sensitization :** Non-hazardous by WHMIS criteria.

**Carcinogenicity :** Non-hazardous by WHMIS criteria.

**Teratogenicity, Reproductive effects :** Non-hazardous by WHMIS criteria.

**Mutagenicity :** Insufficient data available.

**Synergistic Materials :** Not available.

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**SECTION VII: PREVENTATIVE MEASURES**

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**Gloves :** Impervious gloves

**Eye protection :** Safety glasses

**Respiratory protection :** Not normally required if good ventilation is maintained and exposure guidelines are not exceeded.

**Other protective equipment :** As required by employer code.

**Engineering Controls :** Ensure good ventilation is available.

**Leak and Spill Procedure :** Before attempting clean-up, refer to hazard data given above. Contact emergency services and supplier for advice. Although the chances of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a non-flammable absorbent such as sand or vermiculite.

**Waste Disposal :** Review federal, provincial and local government requirements prior to disposal.

**Storage Requirements :** KEEP OUT OF REACH OF CHILDREN. Ensure storage area has adequate ventilation and no source of open flame or sparks. Do not puncture or incinerate container. Do not store above 49 deg C.

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**SECTION VIII: FIRST AID**

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**Eye :** Immediately flush with water. Remove contact lenses if applicable, continue flushing for 15 minutes. Call a doctor.

**Skin :** Wash with soap and water. Call a doctor if irritation develops.

**Inhalation :** Remove to fresh air. If symptoms persist, call a doctor.

**Ingestion :** Not a normal route of exposure.

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**SECTION IX: PREPARATION INFORMATION**

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**Date :** 24 May 1995

**Prepared by :** Manufacturer.

**Telephone :** (913) 321- 5537

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**WARNING!** The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE PROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.