

# Graffiti in Kingston Excerpt: Smooth Surface Removal

## 2.1.2 Smooth Surfaces

Eco Smooth\* Graffiti Remover can be used on smooth durable surfaces such as glass, metals, durable plastics, unfinished wood and durable painted - that is factory baked on paint.<sup>1</sup>

In many cases the mark will be removed upon the first application without much effort, however some instances require the aid of a plastic dish scrubber, increased product dwell time and several applications before the entire mark is removed. This variance is due to the wide range of mediums used to write graffiti. Upon purchase the product is accompanied by an information sheet, which includes safety considerations and product application instructions.

### 2.1.2.1 Rough Textured Graffiti on Smooth Surfaces

In some cases markings have a raised, rough texture. In these situations a razor should be used in conjunction with Eco Smooth. Eco Smooth will help remove it from the surface however a razor speeds up this process. With the aid of a razor a removal may take 5 to 10 minutes rather than the 20 to 25 minutes the chunky mark may take to be completely penetrated by the remover.

### 2.1.2.2 Stubborn Markings on Smooth Surfaces

In some cases Eco Smooth will remove some of the marking, however an undesirable shadow can remain. In cases such as this, Eco Porous can be used to remove the mark. Simply wipe it on with a rag, wait the appropriate amount of time and wipe it off again, then clean the surface with plenty of water.

### 2.1.2.3 Vinyl Siding

The removal of spray paint from vinyl siding can be completed using Eco Smooth. In many cases, vinyl siding has a faux wood grain embossed in the surface. A scrub brush should therefore be used to agitate the paint in order to coax it out of these grooves. The surface can then be wiped clean with a rag and rinsed with a hose. **Ensure that a discrete portion of the vinyl surface has been tested prior to full removal. Although there were no detrimental side effects on the vinyl tested, the test bracket was not**

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<sup>1</sup> The instruction sheets for the Eco Graffiti Removal products contain subcategories to this list.

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**large enough to encompass the wide variety of vinyl surfaces available in today's market. Ensure the surface is thoroughly rinsed following removal.**

### **2.1.2.4 Signage**

Tackling street signs is an issue that plagues cities everywhere. Different types of street signs react differently to chemical application. Recently a new type of street sign has begun to replace old worn ones. Upon close examination these signs have a 'honeycomb' reflective structure and can be commonly found as no parking signs or pedestrian crossing signs. In the case of these new signs, product applications have not harmed the signs in any way. In the case of very old parking signs, the permanent marker often leaves a shadow and original writing on the sign is removed. Though these shadows can be viewed as a stubborn marking on a smooth surface, the sign itself is of no use if the original writing has been erased. In most cases, especially on no-parking signs, the tag will appear in a blank section of the sign, allowing one to maneuver around this problem. Be extremely cautious however, as indication arrows that often appear at the bottom portion of no parking signs often risk being removed.

\* Product name changed to Smooth Max – also new product, CitrusBlaster has been developed that works very well on smooth surfaces – MSDS attached.

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## Graffiti Solutions Canada

### Product Data on - Smooth Max (Eco Smooth) Graffiti Remover

#### GENERAL DESCRIPTION:

Smooth Max Graffiti Remover is an "Eco Graffiti" product, custom formulated for specific graffiti removal need.

If it is a "smooth and durable", including unfinished wood surfaces, Smooth Max is the right choice for the job.

#### RECOMMENDED FOR REMOVAL ON:

**METALS:** Steel, stainless, aluminium, galvanized, brass, copper, anodized aluminium.

**GLASS:** All types of glass, glazed tiles, ceramic, porcelain, polished stone, such as marble or granite.

**DURABLE PAINTED:** Factory applied baked on paint such as auto, truck, bus, equipment enamels, utility boxes, boxcars or similar.

**DURABLE PLASTICS:** Fibreglass, polyethylene or polypropylene portable toilets or bathroom partitions, laminated wood.

**UNFINISHED WOOD:** Fences, park benches, plywood, trees, telephone poles, any other uncoated wood.

#### PRODUCT FEATURES/BENEFITS:

- **Thick Gel** clings to surfaces without messy drips and runs.
- **Fast removals** just a few minutes for most uses.
- **Low odour** with minimal or no ventilation requirement for added safety, indoor or out
- **Non-flammable, non-combustible**, for added safety in use. No special storage requirements.

All temperature effective removals from freezing cold to very hot conditions.

Distributed by: Graffiti Solutions Canada  
7785 Franktown Rd., Richmond, ON K0A2Z0  
Tel#613-838-5842  
www.graffitisolutionscanada.com

#### GENERAL INSTRUCTION FOR USE:

- Test in hidden area if being used on any painted or plastic surface for effect.
- Apply by spray, brush, roller, or pump sprayer.
- Allow to penetrate marks for several minutes (longer in cold temps.)
- Remove with a clean dry cloth or rinse off with water hose.
- Note: If used on wood surfaces, allow to penetrate for 10-20 minutes, longer in cold temps. Remove with water hose maximum nozzle pressure, or power wash with 15° tip at 1,000-2,000 PSI maximum pressure.
- Use water rinse or soap and water followed by water rinse for cleaning equipment.
- Repeat process if necessary.
- Protective eye wear and chemical resistant gloves recommended during handling and use.
- Provide ventilation if working in a confined area.

#### SPECIFICATIONS/ GENERAL PROPERTIES:

##### CONSISTENCY

Thick gel clings to vertical surfaces without dripping.

##### COVERAGE

Non-porous surfaces 200 to 300 sq. ft./gal.  
Bare wood surfaces 100-150 sq. ft./gal.

##### USE TEMPERATURES

Not limited; will work slower at cold temperature.

##### STORAGE

Stores between 40°F and 130°F. **DO NOT FREEZE.** If frozen, thaw and remix before using.

#### FLAMMABILITY

Non-flammable, non-combustible. Flash point over 200°F.

#### V.O.C.s

2lbs/gallon, 25 grams/litre. H.A.P.S. -none

#### VOLATILITY

Very low rate of evaporation. Ventilation required in confined areas.

#### BIODEGRADABLE

Yes.

#### SHIPPING

Not regulated. D.O.T. Proper shipping name: Cleaning Compound N.O.S., Class 55.

#### EFFECTIVE ON THE FOLLOWING:

Spray paint graffiti, marker, pen, ink, crayon, shoe polish, lipstick, pencil, decals, and stickers, and most other graffiti marks or stains.

#### Other Uses:

Eco Smooth Max Graffiti Remover removes road tar, asphalt, oils, greases, gum, wax, tree sap and many other difficult to remove graffiti from durable smooth surfaces or wood.

Equipment/tool cleanups: Dried paints, adhesives, caulking materials on equipment, floors, tools, brushes, rollers, paint spills or over sprays can be effectively removed with Eco Smooth Max Graffiti Remover.

NOTE: If removing graffiti or shadows from porous surfaces such as brick, cement, grout, etc. we recommend using our Elephant Snot Graffiti Remover or Shadow Max for shadow removals. Licenced under the Environmental Choice Program ECP 57 Lic# ECP02007



# Graffiti in Kingston Excerpt: Smooth Surface Removal

## MATERIAL SAFETY DATA SHEET

Product Name: Smooth Max Graffiti Remover

Chemical Name/ Chemical Family: N/A

**Section 1. Product Information** Prepared by: W. Gorbunov  
Manufactured by: Graffiti Solutions Inc. Date Mar. 09/07  
2472 -7<sup>th</sup> Ave. E., North Saint Paul, MN  
tel# 651-777-0849  
Emergency tel# Chemtrec 800-424-9300

HMS Rating: Health 1, Flammability 1, Reactivity 0, Special 0  
NFPA Rating: Health 1, Flammability 1, Reactivity 0, Special 0  
Degree of Hazard: 0=Least, 1=Slight, 2=Hazard, 3=Extreme Hazard, 4=Deadly

### Section 2. Hazardous Ingredients.

Components (C.A.S.#)	OSHA-PEL	ACGIH-TLV	%WT
Trade Secret.			

### Section 3. Physical Data

Melting Point	NA
Boiling Point	212 F
Evaporation Rate (Water =1):	NDA
Solubility in Water:	100% miscible
Percent Volatility:	Over 80%
Viscosity:	Over 500 cps
Specific Gravity (Water=1):	1.01
Vapour Density (Air=1):	Heavier than air
Vapour Pressure:	NDA
Appearance & Odour:	Tan liquid, low odour
PH	8-9 as supplied

### Section 4. Fire and Explosion Hazard Data

Flash Point (Method used)	Over 200 F
Auto-Ignition Temperature:	NE
Upper/Lower Explosion Hazard:	NE
Extinguishing Agents:	Foam, dry chemical, water fog or water.
Use water spray to cool fire exposed surfaces and to protect personnel. Use Extinguishing media appropriate for surrounding fire.	
Unusual Fire and Explosion Hazards:	None

### Section 5 Reactivity Data

Stability:	Stable
Incompatibility:	No known material
Hazardous Decomposition Products:	None known
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Do not mix with any other chemicals.

NA = NOT APPLICABLE NDA = NO DATA AVAILABLE  
NE = NOT ESTABLISHED

### Section 6. Health Hazards/First Aid Information

Health Hazard (Effects of overexposure):

- Inhalation:** Exposure to vapour or spray mist may cause moderate to severe irritation of the respiratory tract. Symptoms may include: headache, nausea, difficulty in breathing
- Eyes:** Direct contact with eyes may cause moderate to severe eye irritation. The severity of the effects depends on concentration and how soon after exposure the eyes are washed. Symptoms of exposure may include: a stinging sensation, excess tear production, redness and swelling of the conjunctiva.
- Skin:** Exposure may cause moderate to severe irritation. The severity of the effects depends on how soon after exposure the skin is washed. Symptoms may include: redness and/or a burning sensation.
- Ingestion:** Ingestion may cause moderate to severe irritation of the mouth, throat and gastrointestinal tract. Symptoms may include: nausea, headache, dizziness and abdominal pain.
- Carcinogenicity:** None (as per 29CFR 1910.1200)

### Emergency and First Aid:

- Inhalation:** Immediately move subject to fresh air. Seek medical attention if irritation or difficulty in breathing persists.
- Eyes:** Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists, seek medical attention. Remove contact lenses, if worn.
- Skin:** Immediately flush skin with water for 15 minutes. Remove any contaminated clothing or shoes. If irritation or redness persists, seek medical attention.
- Ingestion:** DO NOT induce vomiting. Drink one or two glasses of water. If any irritations persists, seek medical attention.

Notes to Physicians: No specialized procedures. Treat for clinical symptoms.

### Section 7. Spill Procedures / Special Precautions

**Spills:** Keep spectators away. Floor may be slippery. Contain spills with inert materials. Transfer any liquids or absorbed wastes to separate suitable container, for recovery or disposal. Follow protective measures provided under Special Protection Information in Section 8 of the MSDS.

**Waste Disposal Method:** Dispose of as local and federal regulations require.  
**Handling / Storage Precautions:** Do not mix with any other chemicals. Do not freeze. Store between: Minimum 40F Maximum 130F. Keep container tightly closed. Do not eat, drink, or smoke while handling material. Wash with soap and water after each use. Observe label instructions.

### Section 8. Special Protection Information:

**Eye Protection:** It is recommended that suitable eye protection is used when handling this or any other chemical. ANSI Z 87.1 or equivalent splash goggles recommended.

**Protective Gloves:** Neoprene or equivalent solvent and chemical resistant gloves recommended.

**Ventilation:** Not required under normal use. If used in a confined space, use local exhaust ventilation, pulling fumes and vapours away from personnel.

**Respiratory Protection:** Not required under normal use. If sprayed or working in a confined area, wear respirator (MSHA/NIOSH approved mist organic vapour cartridge or equivalent).

This information is furnished without warranty, representation, inducement or License of any kind, except that it is believed accurate to the best of manufacturer's knowledge, or obtained from sources believed to be accurate. Manufacturer does not assume any legal responsibility for reliance on same. Before using any chemical, read its label and product literature to determine suitability for the intended use.

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## Graffiti Solutions Canada

### Product Data on – Citrus Blaster Graffiti Remover

#### GENERAL DESCRIPTION:

Citrus Blast Graffiti Remover is an effective but gentle product for smooth surfaces. Specially formulated biodegradable product that works great on most metals, glass, fibreglass, polished stone, porcelain and clear coat surfaces such as found on automobiles. Also works well on sprayed-on undercoating.

#### RECOMMENDED FOR REMOVAL ON:

**METALS:** Steel, stainless, aluminium, galvanized, brass, copper.  
**GLASS:** All types of glass, glazed tiles, ceramic, porcelain, polished stone, such as marble or granite.  
**DURABLE PAINTED:** Factory applied baked on paint such as auto, truck, bus, equipment enamels, utility boxes, boxcars or similar.  
**DURABLE PLASTICS:** Fibreglass, polyethylene or polypropylene portable toilets or bathroom partitions, laminated wood.  
**UNFINISHED WOOD:** Fences, park benches, plywood, trees, telephone poles, any other uncoated wood.

#### PRODUCT FEATURES/BENEFITS:

- **Opaque liquid**, can be sprayed on surface
- **Fast removals** 15 seconds to 1 min. for most uses.
- **Low odour** with minimal or no ventilation requirement for added safety, indoor or out
- **Non-flammable, non-combustible**, for added safety in use. No special storage requirements.

All temperature effective removals from freezing cold to very hot conditions.

Manufactured for & Distributed by:  
Graffiti Solutions Canada  
7785 Franktown Rd, Richmond On. K0A1Z0  
Tel#613-838-5842 or 866 906-9273  
www.graffitisolutionscanada.com  
sales@graffitisolutionscanada.com

#### GENERAL INSTRUCTIONS:

1. Apply by spray or pump sprayer. Allow to penetrate marks for 15sec. To 1 min. (longer in cold temps.)
2. Remove with a clean dry cloth or rinse off with pressure washer or garden hose.
3. Note: If used on wood surfaces, allow to penetrate for 1-3 minutes, longer in cold temps. Remove with pressure washer. Repeat process if necessary.
4. **ALWAYS TEST ON HIDDEN AREA BEFORE APPLICATION**

**CAUTION:** Avoid contact with eyes. If contact occurs, rinse with water for 15 min. & seek medical attention. If swallowed do not induce vomiting; drink large amounts of liquids & get medical attention. Wear protective goggles & chemical resistant gloves during handling.  
Do not store above 120°F. If frozen thaw and mix thoroughly before using.

#### BIODEGRADABLE

Yes.

#### EFFECTIVE ON THE FOLLOWING:

Spray paint graffiti, marker, pen, ink, crayon, shoe polish, lipstick, pencil, decals, and stickers, and most other graffiti marks or stains.

#### Other Uses:

Citrus Blaster Graffiti Remover removes road tar, asphalt, oils, greases, gum, wax, tree sap and many other difficult to remove graffiti from durable smooth surfaces or wood.

Equipment/tool cleanups: Dried paints, adhesives, caulking materials on equipment, floors, tools, brushes, rollers, paint spills or over sprays can be effectively removed with Citrus Blaster Graffiti Remover.



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## MATERIAL SAFETY DATA SHEET

Product Name: Citrus Blaster Graffiti Remover  
Chemical Name/ Chemical Family: N/A

**Section 1. Product Information** Prepared by: C. Devlin  
Manufactured by: Graffiti Solutions Canada Date: July 4, 2007  
7785 Franktown Rd., Richmond ON K0A2Z0  
tel#613-838-5842 or 866 906-9273  
Emergency tel# CANUTEC 613 996-6666

**Section 2. Hazardous Ingredients.**

Components	C.A.S.#	%WT	LD50	LCD50S
Glycol Monobutyl Ether	111-76-2	15/35		
D'limonene	5989-27-5	5/30		
Trade Secret.		10/35		

**Section 3. Physical Data**

Physical State-	liquid
Color-	yellow
Odour-	lemon scent
Odour threshold-	N/A
PH-	11.8
Specific Gravity-	N/A
Vapour Pressure-	N/A
Vapour Density -	N/A
Water/Oil Distribution Coeff.-	N/A
Evaporation Rate:	N/A
Boiling Point-	171°C/339.8°F
Freezing Point-	-65°C/-85°F

**Section 4. Fire and Explosion Hazard Data**

Flammability-	not in present solution
Means of Extinction-	Same as surrounding fire
Flash Point-	N/A
Flammability Limit-	N/A
Sensitivity to Impact-	N/A
Hazardous Combustion Products-	N/A
Auto Ignition-	N/A Lower- N/A
Static Discharge-	N/A

**Section 5 Reactivity Data**

Chemical Stability-	Stable
Chemical Compatibility-	Avoid oxidizing agents, strong acids
Reactivity-	N/A Hazardous- N/A

N/A= NOT APPLICABLE NDA = NO DATA AVAILABLE  
NE = NOT ESTABLISHED

**Section 6. Toxicological Properties**

Effects of Exposure-	None Known
Sensitization-	N/A Carcinogenicity- N/A
Exposure Limits-	N/A Mutatgency- N/A
Tertatgency-	N/A Reproductive- N/A
Irritancy-	N/A Synergistic- N/A

**Section 7. Health Hazard**

Ingestion-	Yes Skin-mild irritant
Inhalation-	not under normal use Eyes-mild irritant

**Section 8. First Aid Measures**

Eyes-	Flush with water 15 minutes; seek Medical Attention.
Skin-	Rinse with water.
Inhalation-	not under normal use
Ingestion-	DO NOT induce vomiting. Drink plenty of water, seek medical attention.

**Section 9. Protective Measures**

Gloves-	Rubber or neoprene gloves.
Eyes-	Wear goggles
Respirator-	not required under normal use
Footwear/Clothing-	N/A

**Section 10. Spill or Leak Procedures**

Spill or Leak-	Soak or mop up with absorbants.
Waste Disposal:	check local regulations

**Section 11. Storage, Handling, Shipping & TDC Regulations**

Proper shipping name-	Citrus Blaster
Storage & Handling-	Keep from Freezing
UN or PIN#-	N/A WHIMIS GROUP- N/A
Listed on DSL List-	NO

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