

# Material Safety Data Sheet

## GatorBack Coatings

### Graffiti Remover

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#### 1. Substance/preparation and company identification

Company  
R&M Car Care, Inc.  
4401 River Close Blvd.  
Valrico, FL 33596

Emergency Response Information  
CHEMTREC: (800) 424-9300

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#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS Number	Content (weight %)
dimethyl succinate	106-65-0	5 - 15
PEL/TLV	not established	
Distillates (petroleum), solvent-dewaxed heavy paraffinic; B	64742-65-0	1 - 10
OSHA PEL 500 ppm 2000 mg/m3		
titanium dioxide	13463-67-7	1 - 10
OSHA PEL 15 mg/m3 T		
ACGIH TWA 10 mg/m3		
T Total dust		

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#### 3. HAZARD IDENTIFICATION

##### HMIS III RATING

Health: 0 Flammability: 1 Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

##### EMERGENCY OVERVIEW

WARNING

HARMFUL IF INHALED

MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION

INGESTION MAY CAUSE GASTRIC DISTURBANCES

##### POTENTIAL HEALTH EFFECTS

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#### Primary routes of exposure:

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

#### Acute toxicity:

Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

#### Information on: dimethyl succinate

Inhalation of Dimethyl succinate may result in respiratory irritation. Ingestion may result in gastric disturbances.

#### Irritation:

Skin contact may result in irritation, defatting and dermatitis. Vapors cause irritation to the respiratory tract and the eyes. Prolonged inhalation of product vapor can result in irritation of the mucous membranes.

#### Repeated dose toxicity:

##### Information on: titanium dioxide

In a National Cancer Institute (NCI) feeding study, titanium dioxide was not carcinogenic to rats or mice at maximum tolerated doses. In another study, TiO<sub>2</sub> caused fibrosis and lung cancer in rats exposed to 250 mg/m<sup>3</sup> by inhalation. However, no effects were seen at lower airborne concentrations.

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## 4. FIRST-AID MEASURES

#### General advice:

Remove contaminated clothing.

Contact the local poison control center or call Chemtrec at 800-424-9300.

#### If inhaled:

Keep patient calm, remove to fresh air.

If breathing difficulties develop, aid in breathing and seek immediate medical attention.

#### If on skin:

Wash affected areas with water for at least 15 minutes.

If irritation develops, seek medical attention.

#### If in eyes:

Flush with copious amounts of water for at least 15 minutes.

Hold eyelids open to facilitate rinsing.

Seek medical attention.

#### If swallowed:

Rinse mouth and then drink plenty of water.

Do not induce vomiting due to aspiration hazard.

Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

Immediate medical attention is required.

Ingestion may cause irritation of the gastrointestinal tract.

Aspiration may result in chemical pneumonitis, which may be fatal.

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#### 5. FIRE FIGHTING MEASURES

Flash point: > 200 °F (> 93.3 °C) +/- 3 °F Setaflash Closed Cup (measured)

Lower explosion limit: N/A

Upper explosion limit: N/A

Suitable extinguishing media:

Dry extinguishing media

Carbon dioxide

Foam

Unsuitable extinguishing media for safety reasons:

Water spray

Hazards during firefighting:

Vapors and/or decomposition products are irritants and/or toxic.

If product is heated above decomposition temperatures, acrid smoke and fumes will be released.

Protective equipment for firefighting:

Wear self-contained breathing apparatus and turn-out gear.

Further information:

Vapors are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition. Flash fire may occur.

Remove product from areas of fire or otherwise cool sealed containers with water in order to avoid pressure build-up due to heat.

Do not flood burning material with water due to potential spreading of fire.

Contain contaminated water/firefighting water.

Run-off water from fire may cause pollution.

Notify proper authorities.

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#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Wear suitable personal protective clothing and equipment.

Ensure adequate ventilation.

Avoid prolonged inhalation.

Avoid contact with skin and eyes.

Environmental precautions:

Do not discharge into drains/surface waters/groundwater.

A spill of or in excess of the reportable quantity requires notification to state, local and national emergency authorities.

Acutely toxic for aquatic organisms.

Cleanup:

Dike spillage.

Place into appropriately labeled waste containers.

Spills should be contained, solidified, and placed in suitable containers for disposal.

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#### 7. HANDLING AND STORAGE

##### HANDLING

###### General advice:

Ensure adequate ventilation.

Do not puncture, drop or slide containers.

Handle and open container with care.

Avoid contact with the skin, eyes and clothing.

WARNING: Empty containers may still contain hazardous residue.

Do not apply to hot surfaces.

Proper ventilation and respiratory protection is required when sanding, flame cutting, welding or brazing coated surfaces.

###### Protection against fire and explosion:

Exhaust fans should be explosion proof.

Sealed containers should be protected against heat as this results in pressure build-up.

Risk of explosion if heated under confinement.

##### STORAGE

###### General advice:

Keep container tightly closed.

Protect from direct sunlight.

Protect from temperatures above 49C/ 120F.

Store protected against freezing.

Consult local fire marshal for storage requirements.

###### Storage incompatibility:

General: Segregate from incompatible substances.

Segregate from oxidizing agents.

Segregate from strong bases.

Segregate from strong acids.

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#### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

##### COMPONENTS WITH WORKPLACE CONTROL PARAMETERS

See section 2.

##### ADVICE ON SYSTEM DESIGN

Provide local exhaust ventilation to maintain recommended P.E.L.

General mechanical ventilation should comply with OSHA 1910.94.

##### PERSONAL PROTECTIVE EQUIPMENT

###### Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

Wear NIOSH-certified (or equivalent) organic vapor respirator.

Particulate filters should be added during spray operations.

Do not exceed the maximum use concentration for the respirator face piece/cartridge combination.

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#### Hand protection:

Use appropriate chemically resistant gloves as determined by an evaluation of glove performance characteristics and the hazards and potential hazards identified, including but not limited to butyl, natural and synthetic rubber, nitrile, or neoprene.

#### Eye protection:

Tightly fitting safety goggles (chemical goggles).

Wear face shield if splashing hazard exists.

#### Body protection:

Body protection must be chosen based on activity level and exposure.

#### General safety and hygiene measures:

Work place should be equipped with a shower and eye wash.

Contact lenses should not be worn.

Remove contaminated clothing.

Contaminated equipment or clothing should be cleaned after each use or disposed of.

Hands and/or face should be washed before breaks and at the end of the shift.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: liquid

Odor: pleasant

Color: white

Boiling range: 212 °F

Vapor pressure: N/A

Weight per gallon: 8.23 lb/gal

Vapor density: heavier than air

Solids content: approx. 30 %

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## 10. STABILITY AND REACTIVITY

#### Substances to avoid:

Strong bases

Strong oxidizing agents

Strong acids

#### Hazardous reactions:

This product is chemically stable.

#### Decomposition products:

Carbon monoxide

Carbon dioxide

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## 11. TOXICOLOGICAL INFORMATION

No data available.

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#### 12. ECOLOGICAL INFORMATION

No data available.

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#### 13. DISPOSAL CONSIDERATIONS

Waste disposal of substances:

Dispose of in accordance with national, state and local regulations.

The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste.

It is the waste generators responsibility to determine if a particular waste is hazardous under RCRA.

Do not discharge into drains/surface waters/groundwater.

Incinerate or dispose of in a RCRA licensed facility.

Do not incinerate closed containers.

Contaminated packaging:

WARNING: Empty containers may still contain hazardous residue.

Dispose of in accordance with national, state and local regulations.

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#### 14. TRANSPORT INFORMATION

Reference Bill of Lading.

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#### 15. REGULATORY INFORMATION

##### FEDERAL REGULATIONS

TSCA, US released/listed

##### STATE REGULATIONS

State RTK:

CAS Number	Chemical name
1119-40-0	pentanedioic acid, dimethyl ester
7732-18-5	water
9016-45-9	Nonylphenol, ethoxylated
106-65-0	dimethyl succinate
627-93-0	hexanedioic acid, dimethyl ester
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; B
57-55-6	1, 2-propanediol
13463-67-7	titanium dioxide

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#### 16. OTHER INFORMATION

Recommended use: FOR INDUSTRIAL USE ONLY.

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