

DEVILBISS[®]

AUTOMOTIVE REFINISHING

Material Safety Data Sheet

MSDS-63

*** Section 1 - Chemical Product and Company Identification ***

Product Name: All-In-One Bumper Prep Pad

Part No: 803557

Manufacturer:

DeVilbiss Automotive Refinishing
11360 S. Airfield Road
Swanton, Ohio 43558 USA

Phone: 419-825-8100

Emergency # (24 Hours) Chemtrec 1-800-424-9300

*** Section 2 - Hazards Identification ***

Emergency Overview

This document covers only the Bumper Prep Pad materials. For a complete assessment, the material being abraded must also be considered. Product is a pre-saturated scuff pad. Overexposure to this product may cause irritation to the eyes, skin and respiratory tract. Contains crystalline silica and respirable crystalline quartz. While not a likely route of exposure, if inhaled, these components may cause delayed respiratory disease (silicosis, lung fibrosis) and are classified as carcinogens. Dust generated from intended use may contain trace amounts of phenol and formaldehyde which under excessive exposure may cause skin sensitization and airway obstruction.

Potential Health Effects: Eyes

This product may cause mild to moderate eye irritation.

Potential Health Effects: Skin

Product may cause mild skin irritation. Contains a potential skin sensitizer.

Potential Health Effects: Ingestion

Not an expected route of exposure. While no acute toxic effects are expected, ingestion may irritate the gastrointestinal tract and cause nausea/vomiting.

Potential Health Effects: Inhalation

Not a likely route of entry. Exposure to product residue prior to submersion in water may cause respiratory tract irritation with throat discomfort, coughing or difficult breathing. Chronic lung disease (silicosis) and/or lung cancer may result from prolonged/repeated breathing of components of this material.

HMIS Ratings: Health: 1 Fire: 1 Physical Hazard: 0 Pers. Prot.: Gloves, safety glasses.

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
n/a	Backing (Poly/Nylon)	10 - 15
9003-35-4	Cured Phenolformaldehyde Resin	10 - 15
409-21-2	Silicon Carbide	10 - 30
14808-60-7	Quartz	3 - 7
25322-68-3	Polyethylene Glycol 400	1 - 5
56-81-5	Glycerin 99.5% Technical Grade	0 - 1

Component Information/Information on Non-Hazardous Components

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication). This is considered a controlled product according to Canadian Controlled Product Regulations.

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops or persists.

First Aid: Skin

Flush skin with plenty of water and wash well with soap and water. Remove contaminated clothing and launder clothing before reuse. Obtain medical attention if irritation develops or persists.

First Aid: Ingestion

Not an expected route of exposure. If swallowed, get immediate medical attention or advice. Do not induce vomiting.

First Aid: Inhalation

Not a likely route of entry. Move affected person to fresh air. If irritation or difficult breathing develops or persists, get immediate medical attention.

First Aid: Notes to Physician

None identified.

***** Section 5 - Fire Fighting Measures *******General Fire Hazards**

See Section 9 for Flammability Properties.

This product is combustible at high temperatures. Keep away from ignition sources.

Hazardous Combustion Products

Thermal decomposition products include carbon monoxide and carbon dioxide. When exposed to high temperatures, free quartz can change crystal structure to form tridymite (above 870°C) or cristobalite (1470°C) which have greater health hazards than quartz.

Extinguishing Media

Use extinguishing media appropriate for the surrounding fire.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

***** Section 6 - Accidental Release Measures *******Containment Procedures**

Eliminate sources of ignition.

Clean-Up Procedures

Wear appropriate protective equipment and clothing during clean-up. Wipe up any effluent with water, clean area thoroughly.

Special Procedures

None.

***** Section 7 - Handling and Storage *******Handling Procedures**

Avoid contact with skin and eyes. Use this product with adequate ventilation for nuisance dust. Wash thoroughly after handling.

Storage Procedures

Keep product in package until ready for use.

***** Section 8 - Exposure Controls / Personal Protection *******A: Component Exposure Limits****Silicon Carbide (409-21-2)**

ACGIH: 3 mg/m3 TWA (respirable fraction)

OSHA: 5 mg/m3 TWA (respirable dust)

NIOSH: 5 mg/m3 TWA (respirable dust)

Quartz (14808-60-7)

ACGIH: 0.05 mg/m3 TWA (respirable fraction)

OSHA: 0.1 mg/m3 TWA (respirable dust)

NIOSH: 0.05 mg/m3 TWA (respirable dust)

Glycerin (Glycerol) 99.5% Technical Grade (56-81-5)

ACGIH: 10 mg/m3 TWA

OSHA: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

Engineering Controls

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or dust generated from the handling of this product.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Safety glasses with side shields are recommended.

Personal Protective Equipment: Skin

Wear impervious gloves. Normal work clothing (long sleeved shirts and long pants) is recommended.

Personal Protective Equipment: Respiratory

Respiratory protection is not normally required unless ambient air concentrations exceed the applicable Occupational Exposure Limits set by OSHA.

Personal Protective Equipment: General

Follow good industrial hygiene practices when using this product. Workplace eyewash station and safety shower are recommended.

***** Section 9 - Physical & Chemical Properties *****

Appearance:	Pre-saturated nylon-backed coated abrasive material	Odor:	Not available
Physical State:	Solid	pH:	Not applicable
Vapor Pressure:	Not applicable	Vapor Density:	Not applicable
Boiling Point:	Not applicable	Melting Point:	Not applicable
Solubility (H2O):	Not applicable	Specific Gravity:	Not applicable

***** Section 10 - Chemical Stability & Reactivity Information *****

Chemical Stability

This is a stable material.

Chemical Stability: Conditions to Avoid

Avoid incompatible materials such as strong oxidizers and acids. Avoid open flames and sources of ignition.

Incompatibility

Strong oxidizers and acids.

Hazardous Decomposition

Thermal decomposition products include carbon monoxide and carbon dioxide. When exposed to high temperatures, free quartz can change crystal structure to form tridymite (above 870°C) or cristobalite (1470°C) which have greater health hazards than quartz.

Possibility of Hazardous Reactions

Will not occur.

***** Section 11 - Toxicological Information *****

Acute Dose Effects

A: General Product Information

May cause eye and skin irritation. Contains a potential skin sensitizer.

B: Component Analysis - LD50/LC50

Polyethylene Glycol 400 (25322-68-3)

Oral LD50 Rat: 28 g/kg; Oral LD50 Mouse: 34 g/kg; Dermal LD50 Rabbit: >20 g/kg

Glycerin (Glycerol) 99.5% Technical Grade (56-81-5)

Inhalation LC50 Rat: >570 mg/m3/1H; Oral LD50 Rat: 12600 mg/kg; Oral LD50 Mouse: 4090 mg/kg; Dermal LD50 Rabbit: >10 g/kg

Repeated Dose Effects

No information available for the product. Product contains crystalline silica and respirable crystalline quartz. While not a likely route of exposure, if inhaled repeatedly, these components may cause delayed respiratory disease (silicosis, lung fibrosis).

Carcinogenicity

A: General Product Information

No information available for the product. Product contains crystalline silica and quartz, which are classified as carcinogens. If product is allowed to dry, respirable residue is created, increasing the risk of inhalation of cancerous components.

B: Component Carcinogenicity

Quartz (14808-60-7)

ACGIH: A2 - Suspected Human Carcinogen
NIOSH: potential occupational carcinogen
IARC: Monograph 68, 1997 (inhaled in the form of quartz or cristobalite from occupational sources)
(Group 1 (carcinogenic to humans))

Target Organ Effects

No information available for the product.

* * * Section 12 - Ecological Information * * *

Ecotoxicity

A: General Product Information

No data available for this product. Based on an analysis of component data, this product is expected to be harmful to aquatic life.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Polyethylene Glycol 400 (25322-68-3)

Test & Species

Test & Species		Conditions
24 Hr LC50 goldfish	>5000 mg/L	PEG 200, 400, 800
15 min EC50 Photobacterium phosphoreum	100,000 mg/L	polymer unspecified

Glycerin (Glycerol) 99.5% Technical Grade (56-81-5)

Test & Species

Test & Species		Conditions
96 Hr LC50 rainbow trout	50 mg/L	
96 Hr LC50 goldfish	>5000 mg/L	

Environmental Fate

No information available for the product.

* * * Section 13 - Disposal Considerations * * *

US EPA Waste Number & Descriptions

A: General Product Information

Product is not a RCRA listed material. If discarded in purchased form, product would not be a RCRA hazardous waste by physico-chemical properties. It is the responsibility of the user of the product to determine whether a material containing the product or derived from the product should be classified as hazardous waste (per 40 CFR 261.20-24).

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

The substrate that was abraded must be considered as a factor in the disposal method for this product. Dispose of waste product in a sanitary landfill. Dispose of effluent in accordance with federal, state and local regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

***** Section 14 - Transportation Information *****

US DOT Information

Shipping Name: Not regulated as a hazardous material.

TDG Information

Shipping Name: Not regulated as a dangerous good.

***** Section 15 - Regulatory Information *****

US Federal Regulations

A: General Product Information

No additional information available.

B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

A: General Product Information

Other state regulations may apply. Check individual state requirements.

B: Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Quartz	14808-60-7	No	Yes	Yes	Yes	Yes	No
Polyethylene Glycol 400	25322-68-3	No	No	Yes	No	No	No
Glycerin (Glycerol) 99.5% Technical Grade	56-81-5	No	Yes	Yes	No	Yes	Yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects.

Canadian WHMIS Information

A: General Product Information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the CPR.

The All-In-One Bumper Prep Pad is classified as: Class D2A: Very Toxic Material



B: Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Quartz	14808-60-7	1 %

Additional Regulatory Information

A: General Product Information

Components of this product have been checked against the non-confidential TSCA inventory by CAS Registry Number. Components not identified on this non-confidential inventory are exempt from listing (i.e. as polymers) or are listed on the confidential inventory as declared by the supplier.

B: Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Cured PhenolFormaldehyde Resin	9003-35-4	Yes	DSL	EINECS
Silicon Carbide	409-21-2	Yes	DSL	EINECS
Quartz	14808-60-7	Yes	DSL	EINECS
Polyethylene Glycol 400	25322-68-3	Yes	DSL	Exempt
Glycerin (Glycerol) 99.5% Technical Grade	56-81-5	Yes	DSL	EINECS

*** Section 16 - Other Information ***

Other Information

Reasonable care has been taken in the preparation of this information. DeVilbiss Automotive Refinishing makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. DeVilbiss Automotive Refinishing makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

MSDS History

New MSDS: 01-Nov-2009

Revision 1.1: 19-Oct-2012

Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists; CAS = Chemical Abstracts Service; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; CFR = Code of Federal Regulations; CPR = Controlled Products Regulations; DOT = Department of Transportation; DSL = Domestic Substances List; EINECS = European Inventory of Existing Commercial Chemical Substances; EPA = Environmental Protection Agency; IARC = International Agency for Research on Cancer; IATA = International Air Transport Association; mg/Kg = milligrams per Kilogram; mg/L = milligrams per Liter; mg/m3 = milligrams per Cubic Meter; MSHA = Mine Safety and Health Administration; NA = Not Applicable or Not Available; NIOSH = National Institute for Occupational Safety and Health; NJTSR = New Jersey Trade Secret Registry; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit; TDG = Transport Dangerous Goods; TSCA = Toxic Substances Control Act; WHMIS = Workplace Hazardous Materials Information System.

End of Sheet