

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Revision Date 20-Nov-2025 Version 2

1. Identification

Product identifier

Product Name ADHESIVE SEALANT BLACK SILICONE 12.9 OZ

Other means of identification

Product Code 81173

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Sealant

Restrictions on use No information available

Details of the supplier of the safety data sheet

Manufacturer AddressMay Also Be Distributed by:ITW Permatex. Inc.ITW Permatex Canada

6875 Parkland Blvd. 101-2360 Bristol Circle

Solon, Ohio 44139 USA Oakville, ON Canada L6H 6M5 Telephone: 1-87-Permatex Telephone: (800) 924-6994

(866) 732-9502

E-mail address mail@permatex.com

Emergency telephone number

24 Hour Emergency Phone Number Chem-Tel: 800-255-3924

International Emergency: 00+1+ 813-248-0585

Contract Number: MIS0003453

24-hour emergency phone number No information available

2. Hazard(s) identification

Classification

Carcinogenicity Category 2

Label elements

Contains CARBON BLACK



Warning

Hazard statements

Suspected of causing cancer.

Precautionary Statements - Prevention

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves, protective clothing, eye protection and face protection.

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

8.352 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

5 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

33.352 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

33.352 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

9.977 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Other Information

Harmful to aquatic life.

3. Composition/information on ingredients

Substance

Not applicable.

<u>Mixture</u>

Chemical name	CAS No.	Weight-%	Information Review	Date HMIRA filed and date exemption granted (if applicable)
LIMESTONE	1317-65-3	10-30%	-	-
CALCIUM CARBONATE	471-34-1	10-30%	-	-
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	64742-47-8	3-7%	-	-
CARBON BLACK	1333-86-4	1-5%	-	-
STEARIC ACID	57-11-4	1-5%	-	-

4. First-aid measures

Description of first aid measures

General advice

IF exposed or concerned: Get medical advice/attention.

Inhalation Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin contact Wash skin with soap and water.

Ingestion Rinse mouth.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Effects of Exposure Suspected of causing cancer.

Indication of any immediate medical attention and special treatment needed

5. Fire-fighting measures

surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the

chemical

No information available.

Explosion data

Sensitivity to mechanical impact None. Sensitivity to static discharge None.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Other information Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with

skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection

Control Parameters Exposure Limits

Chemical name	ACGIH TLV	ACGIH TLV OSHA PEL	
LIMESTONE 1317-65-3	-	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable	TWA: 10 mg/m ³ ; total dust TWA: 5 mg/m ³ ; respirable
		fraction	dust
		(vacated) TWA: 15 mg/m ³	
		total dust	
		(vacated) TWA: 5 mg/m ³	
		respirable fraction	
CALCIUM CARBONATE	-	-	TWA: 10 mg/m ³ ; total dust
471-34-1			TWA: 5 mg/m ³ ; respirable
			dust
CARBON BLACK	TWA: 3 mg/m ³ inhalable	TWA: 3.5 mg/m ³	TWA: 3.5 mg/m ³ ;
1333-86-4	particulate matter	(vacated) TWA: 3.5 mg/m ³	TWA: 0.1 mg/m ³ ; Carbon
			black in presence of Polycyclic
			aromatic hydrocarbons PAH
			IDLH: 1750 mg/m ³
STEARIC ACID	TWA: 10 mg/m ³ inhalable	-	-
57-11-4	particulate matter		
	TWA: 3 mg/m ³ respirable		
	particulate matter		

Chemical name	Alberta	British Columbia	Ontario	Quebec
LIMESTONE	TWA: 10 mg/m ³ ;	TWA: 10 mg/m ³ ; total	-	TWAEV: 10 mg/m ³ ; total
1317-65-3		dust		dust
		TWA: 3 mg/m³;		
		respirable fraction		
		STEL: 20 mg/m ³ ;		
CALCIUM CARBONATE	TWA: 10 mg/m ³ ;	-	-	TWAEV: 10 mg/m³; total
471-34-1				dust
CARBON BLACK	TWA: 3.5 mg/m ³ ;	TWA: 3 mg/m³;	TWA: 3 mg/m ³ ;	TWAEV: 3 mg/m³;
1333-86-4		inhalable	inhalable particulate	inhalable dust
			matter	
STEARIC ACID	-	TWA: 10 mg/m ³ ;	TWA: 10 mg/m ³ ;	TWAEV: 10 mg/m ³ ;
57-11-4		inhalable	inhalable particulate	inhalable aerosol
		TWA: 3 mg/m³;	matter	fraction
		respirable	TWA: 3 mg/m ³ ;	TWAEV: 3 mg/m³;
			respirable particulate	respirable aerosol
			matter	fraction

Chemical name	Manitoba	New Brunswick	Newfoundland and Labrador	Nova Scotia
CARBON BLACK	TWA: 3 mg/m³; inhalable particulate matter	TWA: 3 mg/m³; inhalable fraction	TWA: 3 mg/m³; inhalable particulate matter	TWA: 3 mg/m³; inhalable particulate matter
STEARIC ACID	TWA: 10 mg/m³; inhalable particulate		TWA: 10 mg/m³; inhalable particulate	TWA: 10 mg/m³; inhalable particulate

Chemical name	Manitoba	New Brunswick	Newfoundland and Labrador	Nova Scotia
	matter TWA: 3 mg/m³; respirable particulate matter		matter TWA: 3 mg/m³; respirable particulate matter	matter TWA: 3 mg/m³; respirable particulate matter

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
LIMESTONE	TWA: 10 mg/m³; STEL: 20 mg/m³;		TWA: 10 mg/m³; STEL: 20 mg/m³;	TWA: 30 mppcf; TWA: 10 mg/m³; STEL: 20 mg/m³;
CALCIUM CARBONATE	TWA: 10 mg/m³; STEL: 20 mg/m³;		TWA: 10 mg/m³; STEL: 20 mg/m³;	TWA: 30 mppcf; TWA: 10 mg/m³; STEL: 20 mg/m³;
CARBON BLACK	TWA: 3.5 mg/m³; STEL: 7 mg/m³;	TWA: 3 mg/m³; inhalable particulate matter	TWA: 3.5 mg/m³; STEL: 7 mg/m³;	TWA: 3.5 mg/m³; STEL: 7 mg/m³;
STEARIC ACID		TWA: 10 mg/m³; inhalable particulate matter TWA: 3 mg/m³; respirable particulate matter		

Appropriate engineering controls

Engineering controls Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing.

Respiratory protectionUse appropriate respiratory protection.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and

immediately after handling the product.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Paste / Gel Liquid

Appearance Paste Color Black

Odor No information available Odor threshold No information available

Property Values Remarks • Method

pH No data available

Melting point / freezing pointNo data availableBoiling point / boiling rangeNo data available

Flash point > 95 °C / 203 °F Tag Closed Cup

Evaporation rate Not applicable Flammability (solid, gas) No data available

Flammability Limit in Air

Upper flammability limit:
Lower flammability limit:
No data available
No data available
Vapor pressure
<5 mm Hg

Vapor density 3.0 Air = 1

Relative density 1.43

Water solubility
Solubility(ies)
No data available
Partition coefficient
No data available
Autoignition temperature
No data available
Decomposition temperature
Kinematic viscosity
No data available
Dynamic viscosity
No data available
No data available

Particle characteristics

Particle Size No data available
Particle Size Distribution No data available

Other information

Explosive properties

Oxidizing properties

Softening point

Molecular weight

No information available
No information available
No information available

VOC content < 1%

DensityNo information availableBulk densityNo information available

10. Stability and reactivity

Reactivity No information available.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions None under normal processing.

Conditions to avoidNone known based on information supplied.

Incompatible materialsNone known based on information supplied.

Hazardous decomposition products Carbon oxides. Nitrogen oxides (NOx). Formaldehyde. May release 2-butanone oxime

(ethyl methyl ketoxime) at elevated temperature.

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available.

Eye contact Specific test data for the substance or mixture is not available.

Skin contact Specific test data for the substance or mixture is not available.

Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

 ATEmix (oral)
 25,142.70 mg/kg

 ATEmix (dermal)
 7,057.90 mg/kg

 ATEmix (inhalation-gas)
 99,999.00 ppm

 ATEmix (inhalation-vapor)
 99,999.00 mg/l

 ATEmix (inhalation-dust/mist)
 12.80 mg/l

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Component Information

70							
Chemical name	Oral LD50	Dermal LD50	Inhalation LC50				
CALCIUM CARBONATE	= 6450 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 3 mg/L (Rat) 4 h				
471-34-1							
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat)4 h				
64742-47-8							
CARBON BLACK 1333-86-4	> 10000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 4.6 mg/m³ (Rat) 4 h				
STEARIC ACID 57-11-4	= 4600 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-				

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritationNo information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for

ingredients. Suspected of causing cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

	Chemical name	ACGIH	IARC	NTP	OSHA
Ī	CARBON BLACK	A3 - Confirmed Animal	Group 2B - Possibly	-	Present
	1333-86-4	Carcinogen with	carcinogenic to humans		
		Unknown Relevance to	-		
		Humans			

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly carcinogenic to humans

Occupational Safety and Health Administration of the US Department of Labor

X - Present

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

12. Ecological information

Ecotoxicity Harmful to aquatic life.

Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
DISTILLATES (PETROLEUM),	-	LC50: =45mg/L (96h,	-	-
HYDROTREATED LIGHT		Pimephales promelas)		
64742-47-8		LC50: =2.2mg/L (96h,		
		Lepomis macrochirus)		
		LC50: =2.4mg/L (96h,		
		Oncorhynchus mykiss)		

Persistence and degradability No information available.

Bioaccumulation

Component Information

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused

products

Dispose of in accordance with local regulations. Dispose of waste in accordance with

environmental legislation.

Contaminated packaging Do not reuse empty containers.

US EPA Waste NumberWaste designations and classifications should be determined by the end user based on the

application for which the product was used.

14. Transport information

DOT Not regulated

TDG Not regulated

MEX Not regulated

IATA Not regulated

IMDG Not regulated

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA Complies DSL/NDSL Complies Complies **EINECS/ELINCS** Not determined **ENCS IECSC** Complies **KECI** Complies Complies **PICCS** Not determined **AICS NZIoC** Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65	
CARBON BLACK - 1333-86-4	*Carcinogen (airborne, unbound particles of respirable size)	
CRYSTALLINE SILICA - 14808-60-7	*Carcinogen	

^{*}The asterisked chemical(s) listed are not subject to Proposition 65 because they are not airborne in the finished product

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
LIMESTONE	X	X	X
1317-65-3			
CARBON BLACK	X	X	X
1333-86-4			
CRYSTALLINE SILICA	X	X	X
14808-60-7			

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA Health hazards 1 Flammability 1 Instability 0 Special hazards - HMIS Health hazards * Flammability 1 Physical hazards 0 Personal protection X Chronic Hazard Star Legend *= Chronic Health Hazard

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend

SVHC: Substances of Very High Concern for Authorization:
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity ATE: Acute Toxicity Estimate LC50: 50% Lethal Concentration LD50: 50% Lethal Dose

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value * Skin designation

+ Sensitizers

Key literature references and sources for data used to compile the SDS

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

U.S. Environmental Protection Agency

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan National Institute of Technology and Evaluation (NITE)

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

U.S. National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set United Nations World Health Organization (WHO)

Revision Date 20-Nov-2025

Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.