



Issue Date 11-Feb-2020

Revision Date 26-May-2015

Version 1

1. IDENTIFICATION

Product identifier

Product Name Palmetto Style 1389

Other means of identification

Product Code 1389

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Consumer use.

Uses advised against Not applicable

Details of the supplier of the safety data sheet

Manufacturer Address

Palmetto LLC
25 Engerman Ave.
Denton, MD 21629

Emergency telephone number

Company Phone Number (410) 479-2244

24 Hour Emergency Phone Number 267-228-2216

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label elements

Emergency Overview

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Appearance Black Rope like appearance

Physical state Solid

Odor No odor

Hazards not otherwise classified (HNOC)

Potential health effects, inhalation: Polymer Fume Fever. Inhalation of heated material may cause Polymer Fume Fever, a temporary flu like condition with fever, chills, nausea, shortness of breath, muscle or joint ache, and sometimes cough with an elevated white blood count. These symptoms are often delayed 4 to 24 hours after exposure. This is usually a temporary condition lasting 24 to 48 hours, and usually resolves without further complications or treatment.

Do not permit smoking in areas where this product is handled, used or stored. Wash hands after handling this product to avoid transfer of material onto cigarettes and tobacco.

Other Information

Not applicable

Unknown acute toxicity

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Chemical Name	CAS No.	Weight-%	Trade Secret
Graphite	7782-42-5	35-50	*
Polytetrafluoroethylene	9002-84-0	30-50	*
Siloxanes and Silicones, di-Me	63148-62-9	10-25	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General advice	No hazards which require special first aid measures.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Skin contact	Wash with soap and water.
Inhalation	None under normal use conditions.
Ingestion	Not an expected route of exposure.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water. Foam. Carbon dioxide (CO₂). Dry chemical.

Unsuitable extinguishing media None.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous combustion products Silicon oxides. Hydrocarbons. Hydrogen fluoride.

Explosion data

Sensitivity to Mechanical Impact Not sensitive.

Sensitivity to Static Discharge Not sensitive.

Protective equipment and precautions for firefighters

Use positive pressure self-contained breathing apparatus. Wear full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Wash hands thoroughly after handling.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Not applicable.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling No smoking while using this material. Smoking materials should not be present in any area where this product is present. If smoking materials become contaminated with this product, polymer fume fever may result when the tobacco products are smoked.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store at ambient conditions.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Graphite 7782-42-5	TWA: 2 mg/m ³ respirable particulate matter all forms except graphite fibers	TWA: 15 mg/m ³ total dust synthetic TWA: 5 mg/m ³ respirable fraction synthetic (vacated) TWA: 2.5 mg/m ³ respirable dust natural (vacated) TWA: 10 mg/m ³ total dust synthetic (vacated) TWA: 5 mg/m ³ respirable fraction synthetic TWA: 15 mppcf natural	IDLH: 1250 mg/m ³ TWA: 2.5 mg/m ³ natural respirable dust

Appropriate engineering controls

Engineering Controls None under normal use conditions.

Individual protection measures, such as personal protective equipment

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

Skin and body protection No special technical protective measures are necessary.

Respiratory protection Respiratory protection is not normally needed when handling or using this product.

General Hygiene Considerations Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid	Odor	No odor
Appearance	Black Rope like appearance	Odor threshold	Not applicable
Color	Black		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable	

Melting point / freezing point	Heat generated Zinc oxide fumes Not determined	
Boiling point / boiling range	Not determined	No data available
Flash point	Does not flash	
Evaporation rate	Not determined	
Flammability (solid, gas)	Not determined	
Flammability Limit in Air		No data available
Upper flammability limit:	Not determined	
Lower flammability limit:	Not determined	
Vapor pressure	Not determined	No data available
Vapor density	Not determined	
Relative density	1.2	
Water solubility	Insoluble in water	
Solubility in other solvents	Not determined	
Partition coefficient	Not determined	
Autoignition temperature	Not determined	
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	
Dynamic viscosity	Not determined	
Explosive properties	Not an explosive	Not impact sensitive
Oxidizing properties	No data available	

Other Information

Softening point	Not determined
Molecular weight	Not determined
VOC Content (%)	No data available
Density	Not determined
Bulk density	Not determined

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under normal conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

To avoid thermal decomposition, do not overheat.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Hydrogen fluoride. Carbonyl fluoride. Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

No information available	Product does not present an acute toxicity hazard based on known or supplied information
Inhalation	No known effect.
Eye contact	Dust may have irritant effect on eyes. Permanent damage is unlikely.

Skin contact No known hazard in contact with skin.

Ingestion Not an expected route of exposure.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Siloxanes and Silicones, di-Me 63148-62-9	> 17 g/kg (Rat) > 24 g/kg (Rat)	> 2 g/kg (Rabbit)	-

Information on toxicological effects

Symptoms No information available.

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

Sensitization No information available.

Germ cell mutagenicity No information available.

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

Chemical Name	ACGIH	IARC	NTP	OSHA
Polytetrafluoroethylene 9002-84-0	-	Group 3	-	-

Reproductive toxicity This product does not contain any known or suspected reproductive hazards.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard Not applicable.

Numerical measures of toxicity - No information available

The following values are calculated based on chapter 3.1 of the GHS document .

Oral LD50 17,017.00

Dermal LD50 2,002.00

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available

100% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations. This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261).

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

Note:	This material is not subject to regulation as a hazardous material for shipping
DOT	Not regulated
ICAO (air)	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

Product as supplied is RoHS compliant.

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

Complies

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 and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

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

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

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 does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<u>NFPA</u>	Health hazards 2	Flammability 0	Instability 0	Physical and Chemical Properties Not applicable
<u>HMIS</u>	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection Not applicable

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Issue Date 11-Feb-2020

Revision Date 26-May-2015

Revision Note
SDS sections updated

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.

End of Safety Data Sheet