Safety Data Sheet

RED SPOT
PAINT & VARNISH COMPANY, INC.

1. Identification

Product Name: POPFREE(R) GRAY CONDUCTIVE

Product Information: UAE2560C **Revision Date:** 07/20/2015

Supplier: Red Spot Paint & Varnish Co., Inc.
1107 E. Louisiana St.
Evansville, IN 47711 **Supersedes Date:** New SDS

Preparer: EHS@redspot.com

24 Hour Emergency: 1-812-428-9100 **Outside U.S. and Canada:**

CHEMTREC: 1-800-424-9300 **CHEMTREC:** 703-527-3887

Note: CHEMTREC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

2. Hazards Identification

GHS Classification

Flam. Liq. 3, Acute Tox. 4 Inhalation

Symbol(s) of Product



Signal Word

Warning

Possible Hazards

69% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS

Flammable liquid and vapour.

Harmful if inhaled.

GHS LABEL PRECAUTIONARY STATEMENTS

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Call a POISON CENTER or doctor/physician if you feel unwell.

GHS SDS PRECAUTIONARY STATEMENTS

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/…/ equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

3. Composition/Information on Ingredients

Chemical Name	CAS-No.	Wt. %	GHS Symbols	GHS Statements
4-CHLOROBENZOTRIFLUORIDE	98-56-6	25-50	No Information	No Information
TITANIUM DIOXIDE	13463-67-7	10-25	No Information	No Information
DIMETHYL GLUTARATE	1119-40-0	2.5-10	GHS06	H331
2-PROPANONE	67-64-1	1.0-2.5	GHS02-GHS07	H225-319-336

DIMETHYL ADIPATE	627-93-0	1.0-2.5	GHS07	H302
CARBON BLACK	1333-86-4	1.0-2.5	No Information	No Information
SILICON DIOXIDE	7631-86-9	0.1-1.0	GHS06	H331

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures



FIRST AID - INHALATION: If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

FIRST AID - SKIN CONTACT: In case of contact, wash skin immediately with soap and water. If rash, irritation or burns develop, consult a physician. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. Launder clothing before reuse.

FIRST AID - EYE CONTACT: If material gets into eyes, flush with water immediately for 15 minutes. Consult a physician.

FIRST AID - INGESTION: Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Have the victim drink 8 to 10 ounces (240 - 300 ml) of water to dilute the material in the stomach. If vomiting occurs naturally, have the victim lean forward to reduce the risk of aspiration. Consult a physician immediately.

5. Fire-fighting Measures

Flash Point, °C: 37 (99°F) **Explosive Limits, %:** 0.9 - 13.0

UNUSUAL FIRE AND EXPLOSION HAZARDS: Toxic gases may form when product burns. Closed containers may burst if exposed to extreme heat or fire. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back.

SPECIAL FIREFIGHTING PROCEDURES: The use of self-contained breathing apparatus is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes. Combustible. Cool fire-exposed containers using water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

EXTINGUISHING MEDIA: Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition (flames, hot surfaces and electrical, static, or frictional spark). Avoid breathing vapors. Ventilate area. Remove with inert absorbent and non-sparking tools. Dispose of material in accordance with all federal, state and local regulations. Prevent product from entering drains. Only trained personnel wearing protective equipment should handle spill cleanup. Avoid personal contact.

7. Handling and Storage



HANDLING: Avoid breathing vapor and contact with eyes, skin and clothing. To reduce potential for static discharge, bond and ground containers when transferring material. Hazardous residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning. Open container carefully as content may be under pressure. Keep out of reach of children. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice. Combustible liquid. Avoid heat, sparks and open flames. Flammable liquid. Avoid heat, sparks and open flames. Use in well ventilated area. Keep away from open flames, hot surfaces and sources of ignition.

STORAGE: Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

Chemical Name	ACGIH TLV-TWA	ACGIH TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING	Unit
4-CHLOROBENZOTRIFLUORIDE	-	-	-	N.E.	N.E.
TITANIUM DIOXIDE	10	-	15	N.E.	mg/m3
DIMETHYL GLUTARATE	-	-	-	N.E.	N.E.
2-PROPANONE	500	750	750	N.E.	ppm
DIMETHYL ADIPATE	-	-	-	N.E.	N.E.
CARBON BLACK	-	-	-	N.E.	N.E.
SILICON DIOXIDE	10	-	-	N.E.	mg/m3

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

Personal Protection



RESPIRATORY PROTECTION: Respirator use is not expected to be necessary under normal conditions of handling. In emergency situations, use of a NIOSH-approved respirator may be required. When concentrations exceed the exposure limits specified, use of a NIOSH approved full facepiece organic vapor and dust/mist cartridge respirator is recommended. Where the protection factor may be exceeded, use of a full facepiece supplied air respirator or Self Contained Breathing Apparatus (SCBA) may be necessary.



SKIN PROTECTION: Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing. Wear butyl rubber gloves.



EYE PROTECTION: Wear chemical goggles and faceshield (if not wearing a full facepiece respirator).



OTHER PROTECTIVE EQUIPMENT: Safety shower and eyewash station should be located in immediate work area. Flame retardant antistatic protective clothing.



HYGIENIC PRACTICES: Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited. Wash hands and face before breaks and immediately after handling the product. It is good practice in industrial hygiene to avoid contact with solvents by using appropriate protective measures whenever possible.

9. Physical and Chemical Properties

Freeze Point, °C:	No Information	**Boiling Range, °C:**	56 (133 °F)
Explosive Limits, %:	0.9 - 13.0	**Solubility in Water:**	2.4
Flash Point, °C:	37 (99°F)	**Vapor Pressure, mmHg:**	8.03
VOC Content, lb/gal:	3.687 (438.753 gr/L)	**Evaporation Rate:**	0.87
Volume Solids, %:	29.7236	**Density, g/cm3:**	1.332
		Physical State:	Liquid

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Do not store above 120 °F (48.9 °C). Reports have associated repeated and prolonged overexposure to

solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid contact with skin and eyes. Do not breathe vapours or spray mist.

INCOMPATIBILITY: Avoid contamination with strong acids or alkalies, especially at elevated temperatures with no free gas space. Keep away from strong oxidizing agents. Keep away from strong oxidizing agents, heat and open flames. Keep away from acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Heating can release vapors which can be ignited. May generate toxic or irritating combustion products. May generate carbon monoxide gas.

HAZARDOUS POLYMERIZATION: Will not occur

11. Toxicological Information



Practical Experiences

EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS: Repeated skin contact can lead to drying, itching, stinging and irritation. Under normal use conditions, this product is not expected to cause adverse health effects. Prolonged or repeated exposure has caused kidney and eye damage in laboratory animals.

EFFECT OF OVEREXPOSURE - EYE CONTACT: Direct eye contact may cause severe irritation or burns. If not immediately removed, may cause permanent eye damage. Direct eye contact may cause irritation. This product is a severe eye irritant. Direct contact with the liquid or exposure to its vapors or mists may cause burning, tearing, redness and swelling.

EFFECT OF OVEREXPOSURE - INGESTION: May be harmful if swallowed. This product may cause irritation and possible corrosive action in the mouth, stomach tissue, and digestive tract. Aspiration hazard: this material can enter the lungs during swallowing or vomiting and cause lung inflammation and damage.

EFFECT OF OVEREXPOSURE - INHALATION: This product may cause lung irritation. Prolonged, repeated or high exposures may cause central nervous system depression leading to headaches, nausea, drowsiness, dizziness, and possibly narcosis. In extreme cases, may cause loss of consciousness.

EFFECT OF OVEREXPOSURE - SKIN CONTACT: Repeated skin contact may produce an allergic sensitization. In such cases, incidental (minor) contact may cause allergic rashes. Direct skin contact may cause irritation. No evidence of adverse effects. Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

CARCINOGENICITY: No Information

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
98-56-6	4-CHLOROBENZOTRIFLUORIDE	13000 mg/kg Rat	>2675 mg/kg Rabbit	33 mg/L Rat
13463-67-7	TITANIUM DIOXIDE	>10000 mg/kg Rat	N.I.	N.I.
1119-40-0	DIMETHYL GLUTARATE	8191 mg/kg Rat	N.I.	>5.6 mg/L Rat
67-64-1	2-PROPANONE	N.I.	N.I.	50.1 mg/L Rat
627-93-0	DIMETHYL ADIPATE	1920 mg/kg Rat	N.I.	N.I.
7631-86-9	SILICON DIOXIDE	>5000 mg/kg Rat	>2000 mg/kg Rabbit	>2.2 mg/L Rat

N.I. = No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Do not contaminate ponds, waterways or ditches with chemical or used container.

13. Disposal Information



Product

DISPOSAL INFORMATION: Dispose of material in accordance with applicable federal, state and local regulations.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition (flames, hot surfaces and

electrical, static, or frictional spark). Avoid breathing vapors. Ventilate area. Remove with inert absorbent and non-sparking tools. Dispose of material in accordance with all federal, state and local regulations. Prevent product from entering drains. Only trained personnel wearing protective equipment should handle spill cleanup. Avoid personal contact.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No Information

DOT Proper Shipping Name:	Paint		
DOT Technical Name:	N/A		
DOT Hazard Class:	3	**Packing Group:**	III
DOT UN/NA Number:	UN1263	**Resp. Guide Page:**	128

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

None Known

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

Chemical Name	CAS-No.
4-CHLOROBENZOTRIFLUORIDE	98-56-6

U.S. State Regulations:

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product.

Chemical Name	CAS-No.
STYRENE ACRYLIC POLYMERS	PROPRIETARY

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

Chemical Name	CAS-No.
STYRENE ACRYLIC POLYMERS	PROPRIETARY

CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Chemical Name	CAS-No.
TITANIUM DIOXIDE	13463-67-7
CARBON BLACK	1333-86-4

ETHYL BENZENE 100-41-4

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

International Regulations: As follows -

CANADIAN WHMIS:

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class

16. Other Information

HMIS Ratings:

Health:	2	**Flammability:**	3	**Reactivity:**	1	**Personal Protection:**	H

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS02



GHS06



GHS07



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

Disclaimer:

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END OF DATA SHEET