Safety Data Sheet

RED SPOT
PAINT & VARNISH COMPANY, INC.

1. Identification

Product Name: MEDIUM FLINT

Product Information: 396W34382PPK

Revision Date: 05/26/2015

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

CHEMTREC: 1-800-424-9300

Outside U.S. and Canada:
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. 4

Symbol(s) of Product
No GHS Symbols Exist

Signal Word
Warning

GHS HAZARD STATEMENTS
Combustible liquid

3. Composition/Information on Ingredients

Chemical Name	CAS-No.	Wt. %	GHS Symbols	GHS Statements
PROPANOL ,(2-METHOXYMETHYLETHOXY)	34590-94-8	2.5-10	No Information	No Information
TRIPROPYLENE GLYCOL METHYL ETHER	25498-49-1	2.5-10	No Information	No Information
TITANIUM DIOXIDE	13463-67-7	2.5-10	No Information	No Information
CARBON	1333-86-4	0.1-1.0	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.

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: 79 (174°F) **Explosive Limits, %:** 1.1 - 14.0

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: Do not use water stream on burning liquid. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water mist may be used to cool closed containers. 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.

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

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Only trained personnel wearing protective equipment should handle spill cleanup. Avoid personal contact. Prevent product from entering drains. Soak up with inert absorbent material. Dispose of material in accordance with applicable federal, state and local regulations. 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.

7. Handling and Storage



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

STORAGE: Protect from freezing. Keep container closed when not in use. 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
PROPANOL ,(2-METHOXYMETHYLETHOXY)	100	150	100	N.E.	ppm
TRIPROPYLENE GLYCOL METHYL ETHER	-	-	-	N.E.	N.E.
TITANIUM DIOXIDE	10	-	15	N.E.	mg/m3
CARBON	3.5	-	3.5	N.E.	mg/m3
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: 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.



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

9. Physical and Chemical Properties

Freeze Point, °C:	No Information	**Boiling Range, °C:**	100 (212 °F)
Explosive Limits, %:	1.1 - 14.0	**Solubility in Water:**	29.8
Flash Point, °C:	79 (174°F)	**Vapor Pressure, mmHg:**	12.90
VOC Content, lb/gal:	3.036 (361.284 gr/L)	**Evaporation Rate:**	0.27
Volume Solids, %:	28.8207	**Density, g/cm3:**	1.115
		Physical State:	Liquid

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Avoid contact with skin and eyes. Do not breathe vapours or spray mist. Keep from freezing. Do not store above 120 °F (48.9 °C).

INCOMPATIBILITY: Incompatible with oxidizing agents. Incompatible with strong acids and bases. Keep away from strong oxidizing agents, heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: May generate toxic or irritating combustion products. May generate carbon monoxide gas.

HAZARDOUS POLYMERIZATION: Will not occur

11. Toxicological Information



Practical Experiences

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Repeated skin contact can lead to drying, itching, stinging and irritation. This product contains carbon black which has been determined to be a known animal carcinogen and a possible human carcinogen.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: 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.

EFFECTS 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.

EFFECTS OF OVEREXPOSURE - INHALATION: Prolonged, repeated, or high exposures may cause irritation to the respiratory tract (nose, mouth, mucous membranes). 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.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: 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
34590-94-8	PROPANOL ,(2-METHOXYMETHYLETHOXY)	5230 mg/kg Rat	9500 mg/kg Rabbit	N.I.
25498-49-1	TRIPROPYLENE GLYCOL METHYL ETHER	3184 mg/kg Rat	15440 mg/kg Rabbit	N.I.
13463-67-7	TITANIUM DIOXIDE	>10000 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 METHOD: Dispose of material in accordance with applicable federal, state and local regulations.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Only trained personnel wearing protective equipment should handle spill cleanup. Avoid personal contact. Prevent product from entering drains. Soak up with inert absorbent material. Dispose of material in accordance with applicable federal, state and local regulations. 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.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No Information

DOT Proper Shipping Name:	Non-regulated		
DOT Technical Name:	N/A		
DOT Hazard Class:	N/A	**Packing Group:**	N/A
DOT UN/NA Number:	NR	**Resp. Guide Page:**	N/A

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:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

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:

No TSCA 12(B) components exist in this product.

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.
Polymer Solids	

PENNSYLVANIA RIGHT-TO-KNOW

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

Chemical Name	CAS-No.
Polymer Solids	

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	1333-86-4

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 MSDS 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:	0	Flammability:	2	Reactivity:	0	Personal Protection:	E

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

H331 Toxic if inhaled.

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

GHS06



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

Disclaimer:

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END OF DATA SHEET