Safety Data Sheet

RED SPOT
PAINT & VARNISH COMPANY, INC.

1. Identification

Product Name: BLACK 2K CONDUCTIVE PRIMER

Product Information: UBP9762HG

Revision Date: 03/05/2019

Supersedes Date: 04/10/2018

Supplier: Red Spot Paint & Varnish Co., Inc.
1107 E. Louisiana St.
Evansville, IN 47711

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

Acute Tox. 4 Inhalation, Flam. Liq. 3

Symbol(s) of Product



Signal Word

Warning

Possible Hazards

35% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS

Harmful if inhaled.

Flammable liquid and vapour.

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
ETHYL 3-ETHOXYPROPIONATE	763-69-9	10-25	No Information	No Information
METHYL N-AMYL KETONE	110-43-0	10-25	GHS02-GHS06	H226-302-331
ACETIC ACID, ESTER OF C8-C10 OXO-ALCOHOL-BRANCHED	108419-33-6	1-10	No Information	No Information

CARBON BLACK	1333-86-4	1-10	No Information	No Information

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: 37 (99°F) **Explosive Limits, %:** 1.0 - 8.5

UNUSUAL FIRE AND EXPLOSION HAZARDS: 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. Toxic gases may form when product burns. 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: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. 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 IN CASE MATERIAL IS RELEASED OR SPILLED: Prevent product from entering drains. 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. Only trained personnel wearing protective equipment should handle spill cleanup. Avoid personal contact.

7. Handling and Storage





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

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

ETHYL 3-ETHOXYPROPIONATE	-	-	-	N.E.	N.E.
METHYL N-AMYL KETONE	100	-	50	N.E.	ppm
ACETIC ACID, ESTER OF C8-C10 OXO-ALCOHOL-BRANCHED	-	-	-	N.E.	ppm
CARBON BLACK	-	-	-	N.E.	N.E.

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



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:**	165 (329 °F)
Explosive Limits, %:	1.0 - 8.5	**Solubility in Water:**	0.5
Flash Point, °C:	37 (99°F)	**Vapor Pressure, mmHg:**	0.59
VOC Content, lb/gal:	4.071 (484.45 gr/L)	**Evaporation Rate:**	0.21
VOC - Exempt Solvent, lb/gal:	4.071 (484.40 gr/L)	**Density, g/cm3:**	1.281
Volume Solids, %:	44.4925	**Physical State:**	Liquid

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: 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. Do not store above 120 °F (48.9 °C).

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

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

EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS: A developmental toxicity study has found that ethyl 3-ethoxypropionate caused slight fetotoxicity in litters of pregnant rats exposed to vapor concentrations of 1000 ppm. These effects were not found at 500 ppm or less.

EFFECT 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.

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: 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. Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

CARCINOGENICITY: May cause cancer.

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
763-69-9	ETHYL 3-ETHOXYPROPIONATE	3200 mg/kg Rat	N.I.	N.I.
110-43-0	METHYL N-AMYL KETONE	1600 mg/kg Rat	10237 mg/kg Rabbit	N.I.

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: Prevent product from entering drains. 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. 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:

Chemical Name	CAS-No.
ETHYL BENZENE	100-41-4

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.
BARIUM SULFATE	7727-43-7
STYRENE ACRYLIC POLYMER	PROPRIETARY

PENNSYLVANIA RIGHT-TO-KNOW

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

Chemical Name	CAS-No.
BARIUM SULFATE	7727-43-7
STYRENE ACRYLIC POLYMER	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.
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: B2,D2A

16. Other Information

HMIS Ratings:

Health:	2	**Flammability:**	3	**Reactivity:**	0	**Personal Protection:**	G

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

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H331	Toxic if inhaled.

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

GHS02



GHS06



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

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END OF DATA SHEET