

Safety Data Sheet



1. Identification

Product Information: 220-R-506B

Product Name: MTH BROWN VACUUM PRIMER

Recommended Use: SEE TECHNICAL DATA SHEET

Application Method: SEE TECHNICAL DATA SHEET

Supplied by: Century Industrial Coatings, Inc.
P.O Box 830, 37094 Hwy 69 N
Jacksonville, TX 75766

Emergency Telephone: (800) 424-9300 (CHEMTREC)

Safety Data Sheet Coordinator: sds@centurypaint.com

2. Hazards Identification

EMERGENCY OVERVIEW: Eye irritant. May cause eye, skin, or respiratory tract irritation. KEEP OUT OF REACH OF CHILDREN. Harmful if inhaled. Use ventilation necessary to keep exposures below exposure limits, if any. Contains a material which can be absorbed through the skin.

GHS Classification

Acute Tox. 4 Dermal, Acute Tox. 4 Inhalation, Carc. 1B, Eye Irrit. 2, Muta. 1B, Repr. 1A

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

31% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS

Acute Toxicity, Dermal, category 4	H312	Harmful in contact with skin.
Eye Irritation, category 2	H319	Causes serious eye irritation.
Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
Germ Cell Mutagenicity, category 1B	H340	May cause genetic defects . Classified as mutagenic Category 1 if one ingredient is present at or above 0.1% Applies to liquids, Solids (w/w units) and gases (v/v). The substance may also have its own exposure limit. Routes of exposure are dependant on ingredient form.
Carcinogenicity, category 1B	H350	May cause cancer. Classified as carcinogenic Category 1 on the basis of epidemiological and/or animal data. Mixtures are classified as carcinogenic when at least 1 ingredient has been classified as carcinogenic and is present at 0.1% or above Routes of exposure are dependant on ingredient form.

Reproductive Toxicity, category 1A H360 May damage fertility or the unborn child. Classified Category 1A known human reproductive toxicant Category 1B presumed human reproductive toxicant. Irreversible effects such as structural malfunctions, embryo/foetal lethality, post natal functional deficiencies.

GHS LABEL PRECAUTIONARY STATEMENTS

P201 Obtain special instructions before use.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P281 Use personal protective equipment as required.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.
 P337+P313 If eye irritation persists: Get medical advice/attention.

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
PROPRIETARY	PROPRIETARY	10-25	No Information	No Information
Iron(III) oxide	1309-37-1	2.5-10	No Information	No Information
Magnesium Silicate	14807-96-6	2.5-10	No Information	No Information
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	2.5-10	GHS06	H302-310-315-319-330
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	2.5-10	No Information	No Information
2-BUTANOL	78-92-2	1.0-2.5	GHS02-GHS05-GHS07	H226-315-318-335-336
HYDROCARBON WAX 1	8002-74-2	1.0-2.5	No Information	No Information
Stoddard Solvent	8052-41-3	0.1-1.0	GHS08	H304-340-350-372
DIBUTYL PHTHALATE	84-74-2	0.1-1.0	GHS07-GHS08	H332-360
CARBON BLACK	1333-86-4	0.1-1.0	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: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - SKIN CONTACT: In case of contact, wash skin immediately with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Launder clothing before reuse. Destroy contaminated leather articles.

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed. Consult a physician.

FIRST AID - INGESTION: Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. If swallowed, rinse mouth with water. If feeling unwell, call a physician immediately.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: High concentrations of vapors can form an ignitable mixture with air. Vapors can spread along surfaces to a distant ignition source and ignite. Keep containers tightly closed.

SPECIAL FIREFIGHTING PROCEDURES: Use a self-contained breathing apparatus with full face mask operated in pressure-demand or other positive pressure mode. Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

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

6. Accidental Release Measures

ENVIRONMENTAL PRECAUTIONS: Contain any spills immediately and dike area to prevent spreading. Package material and dispose of as hazardous waste.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Vacuum or sweep up material and place in a disposal container. Take care to prevent airborne dust and scattering. Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers.

7. Handling and Storage



HANDLING: Avoid breathing vapor and contact with eyes, skin and clothing. Wash thoroughly after handling. Wash hands before eating or smoking. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
PROPRIETARY	N.E.	N.E.	N.E.	N.E.
Iron(III) oxide	5 mg/m ³	N.E.	10 mg/m ³	N.E.
Magnesium Silicate	2 mg/m ³	N.E.	N.E.	N.E.
ETHYLENE GLYCOL MONOBUTYL ETHER	20 ppm	N.E.	50 ppm	N.E.
DIPROPYLENE GLYCOL METHYL ETHER	100 ppm	150 ppm	100 ppm	N.E.
2-BUTANOL	100 ppm	N.E.	150 ppm	N.E.
HYDROCARBON WAX 1	2 mg/m ³	N.E.	N.E.	N.E.
Stoddard Solvent	100 ppm	N.E.	500 ppm	N.E.
DIBUTYL PHTHALATE	5 mg/m ³	N.E.	5 mg/m ³	N.E.
CARBON BLACK	3 mg/m ³	N.E.	3.5 mg/m ³	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: 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 dust, mist and fume respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a full facepiece, supplied air, or Self Contained Breathing Apparatus (SCBA) may be necessary. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.



SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.



EYE PROTECTION: Ensure that eyewash stations and safety showers are close to the workstation location. Use safety eyewear designed to protect against splash of liquids.



OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.



HYGIENIC PRACTICES: Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited. Keep away from food, drink and animal feeding stuffs.

9. Physical and Chemical Properties

Appearance:	Paint	Physical State:	Liquid
Odor:	Mild Ammonia	Odor Threshold:	Not Established
Density, g/cm³:	1.185	pH:	8.0-9.5
Freeze Point, °C:	0	Viscosity:	N.I.
Solubility in Water:	Yes	Partition Coefficient, n-octanol/ water:	N.E.
Decomposition temperature, °C	No Information		
Boiling Range, °C:	100 - 120	Explosive Limits, %:	0.8 - 10.6
Combustibility:	Does not Support Combustion	Flash Point, °C:	94
Evaporation Rate:	Slower than Ether	Auto-Ignition Temperature, °C	N.D.
Vapor Density:	Heavier than air	Vapor Pressure, mmHg:	N.E.

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Avoid contact with strong acid and strong bases. Keep out of direct sunlight and elevated temperatures.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids, strong alkalines, heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may produce carbon monoxide and other toxic gases. When heated to decomposition, it emits acrid smoke and irritating fumes.

11. Toxicological Information



Practical Experiences

EFFECT OF OVEREXPOSURE - INHALATION: Inhalation may cause mild irritation to the respiratory tract (nose, mouth, mucous membranes). High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. Inhalation of high concentrations may cause headache, nausea, and dizziness.

EFFECT OF OVEREXPOSURE - SKIN CONTACT: Prolonged and repeated skin contact may cause irritation and possibly dermatitis. Low hazard for usual industrial handling or commercial handling by trained personnel.

EFFECT OF OVEREXPOSURE - EYE CONTACT: Mist and vapors may cause eye irritation, may injure eye tissue if not removed promptly.

EFFECT OF OVEREXPOSURE - INGESTION: Harmful if swallowed. May cause nausea, vomiting, and diarrhea.

CARCINOGENICITY: This product may contain Titanium Dioxide, which is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence of carcinogenicity in humans and sufficient evidence in experimental animals. This classification is relevant when exposed to titanium dioxide in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities.

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

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
1309-37-1	Iron(III) oxide	>10000 mg/kg Rat	N.I.	N.I.
111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER	470 mg/kg Rat	99 mg/kg Rabbit	N.I.
34590-94-8	DIPROPYLENE GLYCOL METHYL ETHER	5230 mg/kg Rat	9500 mg/kg Rabbit	N.I.
78-92-2	2-BUTANOL	2200 mg/kg Rat	>2000 mg/kg Rabbit	N.I.
8002-74-2	HYDROCARBON WAX 1	>3750 mg/kg Rat	>3600 mg/kg Rabbit	N.I.
84-74-2	DIBUTYL PHTHALATE	6300 mg/kg Rat	>20946 mg/kg Rabbit	>15.68 mg/L Rat
1333-86-4	CARBON BLACK	>8000 mg/kg Rat	>3000 mg/kg Rabbit	N.I.

N.I. = No Information

12. Ecological Information

ECOLOGICAL INFORMATION: This material is no more than moderately toxic to flathead minnow, ramshorn snails, aquatic earthworms, sideswimmers, pill bugs and flatworms (96-hr LC50s >1.55 mg/l), and daphnids (96-hr EC50 >1.46 mg/l).

13. Disposal Information



Product

DISPOSAL METHOD: LARGE QUANTITIES SHOULD BE RECOVERED. COLLECT SMALL QUANTITIES IN WASTE METAL DRUMS AND SEAL FOR REMOVAL TO AN APPROVED LANDFILL, OR INCINERATE IN ACORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Vacuum or sweep up material and place in a disposal container. Take care to prevent airborne dust and scattering. Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: Ship all paint products under local, state and federal DOT regulations.

DOT Proper Shipping	Paint	Packing Group:	No Information
DOT Hazard Class:	No Information	Hazard Description:	No Information
DOT UN/NA Number:	55	Freight Class:	No Information

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

Este producto ha sido revisado según la EPA "categorías de riesgo" promulgadas bajo las secciones 311 y 312 de la Superfund de enmienda y reautorización de 1986 (SARA Title III) y se considera, bajo definiciones aplicables, para cumplir con las siguientes categorías:

Fire Hazard, Reactive 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:

<u>Chemical Name</u>	<u>CAS-No.</u>
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2-BUTANOL	78-92-2
DIBUTYL PHTHALATE	84-74-2
SODIUM NITRITE	7632-00-0
Ammonia	7664-41-7
Vinylbenzene	100-42-5

TOXIC SUBSTANCES CONTROL ACT:

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

<u>Chemical Name</u>	<u>CAS-No.</u>
Proprietary Surfactant Blend	MIXTURE
SODIUM NITRITE	7632-00-0

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.

<u>Chemical Name</u>	<u>CAS-No.</u>
WATER	7732-18-5
Calcium Carbonate	1317-65-3

PENNSYLVANIA RIGHT-TO-KNOW

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

<u>Chemical Name</u>	<u>CAS-No.</u>
WATER	7732-18-5
Calcium Carbonate	1317-65-3
WATER REDUCIBLE CHAIN STOPPED ALKYD	MIXTURE

CALIFORNIA PROPOSITION 65 CARCINOGENS

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

<u>Chemical Name</u>	<u>CAS-No.</u>
Proprietary Surfactant Blend	MIXTURE
CARBON BLACK	1333-86-4
Crystalline Silica, quartz	14808-60-7

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.

<u>Chemical Name</u>	<u>CAS-No.</u>
DIBUTYL PHTHALATE	84-74-2
Proprietary Surfactant Blend	MIXTURE

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 D2A

16. Other Information

Revision Date: 11/12/2015 Supersedes Date: New SDS
Reason for revision: Update Supplier Address
Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	1	Flammability:	0	Reactivity:	0	Personal Protection:	B
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VOC, less Exempt Solvents and Water, g/L: 267.15

VOC, less Exempt Solvents and Water, lbs/gal: 2.23

VOC, Total Emitted, g/L: 126.33

VOC, Total Emitted, lbs/gal: 1.05

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

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H310 Fatal in contact with skin.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H340 May cause genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H350 May cause cancer.
H360 May damage fertility or the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.

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

GHS02



GHS05



GHS06



GHS07



GHS08



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

The information on this SDS corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.