

MANN BROTHERS PREMIUM PAINTS

MATERIAL SAFETY DATA SHEETS

Feb 1, 2011

NAME: VARA BOND
COLOR: BLACK OXIDE
PRODUCT CODE: 85-44
C.A.S. NUMBER: Not Applicable

SECTION I – PRODUCT AND COMPANY INFORMATION

Manufacturer: TIBBETTS NEWPORT CORP.
2337 S. Birch St., Santa Ana, CA 92707
tel: 714.546-6661, fax: 714.546-5414

Contact: Shil Park Hazardous Materials Identification System
Telephone: 213.422-0539 (0 = none to 4=extreme)
Chemtrec (24 hour): 800.424-9300 Health 1
Product Class: Vinyl Acrylic Flat Flammability 0
Product Number: 85-44 Reactivity 0
Maximum Personal Protection E

----- NO MERCURY, NO LEAD -----

This product's ingredients DOES NOT contain any suspected cancer agent found on the following lists / federal OSHA / NTP / IARC

SECTION II – INGREDIENTS AND SARA III INFORMATION

<u>INGREDIENT</u>	<u>WT.%</u>	<u>CAS #</u>	<u>TLV</u>	<u>PEL</u>	<u>LEL</u>	<u>mmHg-Temp</u>
Water	46	7732-18-5	N/A	N/A	N/A	17 - 68DegreesF
Acrylic Emulsion	18	mixture	N/A	N/A	N/A	N/A
Black Oxide	12	90452-21-4	N/A	N/A	N/A	N/A
Talc	4	14807-96-6	10mg/m3	15mg/m3	N/A	N/A
Calcium Carbonate	20	471-34-1	10 mg/m3	15mg/m3	N/A	N/A

N/A - Not Applicable

SECTION III – PHYSICAL DATA

FORM: Liquid Appearance/Color: UMBER
BOILING RANGE: 212Deg F VAPOR DENSITY: Heavier than Air.
EVAPORATION RATE: Slower than n-Butyl Acetate LIQUID DENSITY: Heavier than Water
NON VOLATILE VOLUME: 37.6 % WEIGHT /GALLON: 11.3 Pounds
NON VOLATILE WEIGHT: 54.0 %

APPEARANCE: MEDIUM VISCOSITY. BLACK LIQUID. MILD ODOR.

MAXIMUM V.O.C. OF COATING: 0 grams per liter

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flammability Class: N/A Flash Point: N/A LEL: N/A

EXTINGUISHING MEDIA:

- Liquid material should not burn. Dried material will support combustion.

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SPECIAL FIRE FIGHTING PROCEDURES:

- Not applicable.

UNUSUAL FIRE & EXPLOSION HAZARDS:

- Containers may explode when exposed to extreme heat.
- Water may be used to cool un-ruptured containers.

SECTION V: HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL:

- See Sec. VIII

EFFECTS OF OVER-EXPOSURE:

- Vapors are primarily water (See Section II)
- Eyes: Possible mild irritant.
- Swallowed: May be harmful irritant

FIRST AID:

- Skin: Wash areas with soap and water
- Eyes: Wash with water. If irritation is evident, see physician.

SECTION VI- REACTIVITY DATA

Stability: Unstable Stable
Hazardous Polymerization: May Occur Will not Occur

INCOMPATIBILITY:

- No hazardous reactions are expected to occur, except materials which react with water.

CONDITIONS TO AVOID:

- Do not permit water reactive-material to mix with this product.

HAZARDOUS DECOMPOSITION PRODUCTS: -

- Incomplete combustion may release carbon monoxide.

SECTION VII-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

- Clean up with approved material. Wash area with water.

WASTE DISPOSAL METHOD:

- Disposal should be done in accordance with prevailing regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

- If TLV of the product is exceeded, a NIOSH/MSHA jointly approved air supply respirator is advised in absence of proper environmental control. OSHA regulations also permit other

NIOSH/MSHA respirators under specified conditions. (see your safety equipment supplier).
Engineering or administrative controls should be implemented to reduce exposure.

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VENTILATION:

-Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV.

PROTECTIVE GLOVES:

-Not usually required.

EYE PROTECTION:

-Chemical splash goggles in compliance with OSHA regulations are advised; however OSHA regulations also permit other type of safety glasses. (Consult your safety equipment Supplier).

OTHER PROTECTIVE EQUIPMENT: -

Protective apron if splashing is expected.

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND

STORING: -Do not allow material to freeze.

OTHER

PRECAUTIONS: -

Prevent from freezing.

U.S. DEPARTMENT OF TRANSPORTATION

CLASSIFICATION: -Not Regulated.

D.O.T. PROPER SHIPPING

NAME: -Paint.

EMERGENCY RESPONSE

GUIDEBOOK: -Not Applicable.

ABBREVIATIONS: ACGIH = American conference of Governmental Industrial Hygienists.

OSHA = Occupational Safety and Health Administration.

TLV = Threshold Limit

Value LEL = Lower

Explosive Limit

TSCA = Toxic Substance Control Act.

PEL = Permissible Exposure Limit.

TWA = Time Weighted Limit.

STEL = Short-Term Exposure Limit

CAS # = Chemical Abstracts Service Registry Number.

DOT = U.S. Department of Transportation

EMERGENCY CONTACT: "CHEMTREC" 800.424-9300. This telephone number is to be used ONLY in case of transportation emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

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NO WARRANTY: We cannot reasonably anticipate or control the many different and varying conditions under, or methods by which this MSDS information and our product may be used. Therefore, we do not guarantee the applicability of this MSDS information or the suitability of this product in any individual situation. All purchasers and users of this product are hereby put on notice that any advice provide over-the counter is not a warranty and is not to be relied upon, and further that no one is authorized to make any representations or warranties relative to this product, including any and sellers of this product. This product is sold WITHOUT WARRANTY, expressed or implied, and any claim of any kind is limited to the purchase price of this product.

SECTION X: ADDITIONAL REGULATORY INFORMATION

SARA TITLE III SECTION 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community right to Know Act of 1986 and CFR 372:

- NONE

PROP 65 (CARCINOGEN):

WARNING: This product contains a chemical known to the state of California to cause cancer.

- NONE

PRO 65 (TETRATOGENIC):

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

- NONE

PRO 65 (BOTH CARCINOGEN AND TETRATOGENIC)

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

- NONE