

# Safety Data Sheet

according to OSHA Hazard Communication  
29 CFR Part 1910.1200

**DIAMOND**  
**BRITE®**

## Section 1. Identification

**Identification Number:** 25-31600  
**Product Name:** D B INT/EXT OB ENML WLNT  
**Product Use/Class:** Industrial Maintenance Coating

**SUPPLIER:**

RDL Marketing  
2600 West 19th St.  
Chicago, IL 60608

CHEMTEL NORTH AMERICA 1-800-255-3924  
WORLDWIDE INTL. 1-813-248-0585  
24 HR. EMERGENCY HOTLINE

**Safety Data Sheet Coordinator:** J. Michael Jacobs (614) 253-8511

**MANUFACTURER:**

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## Section 2. Hazard(s) Identification

**EMERGENCY OVERVIEW:** Harmful if inhaled. Harmful if swallowed. May cause target organ or system damage (e.g., lung, nervous system, blood disorders, liver, kidney, immune system, cardiovascular system, thyroid, testicular, ovarian, etc.). Vapors irritating to eyes and respiratory tract. High vapor concentrations may cause drowsiness. FLAMMABLE liquid and vapor. Vapors may cause flash fire or explosion.

**GHS Classification**

Acute Tox. Inhalation 4, Carc. 1A, Eye Irrit. 2, Flam. Liq. 3, Skin Irrit. 2, STOT SE 3 NE

**Symbol(s) of Product**



**Signal Word**

danger

**Possible Hazards**

14% of the mixture consists of ingredients of unknown acute toxicity

**GHS HAZARD STATEMENTS**

|  |      |   |
|--|------|---|
| Flammable Liquid, category 3           | H226 | Flammable liquid and vapor.   |
| Skin Irritation, category 2            | H315 | Causes skin irritation.   |
| Eye Irritation, category 2             | H319 | Causes serious eye irritation.  |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled.   |
| STOT, single exposure, category 3, NE  | H336 | May cause drowsiness or dizziness.  |
| Carcinogenicity, category 1A           | H350 | May cause cancer. Classified as carcinogenic Category 1 on the basis of epidemiological and/or animal data. |

**PRECAUTIONARY STATEMENTS: DISPOSAL**

P501 Dispose of contents/container according to applicable local, national, and international regulations.

**PRECAUTIONARY STATEMENTS: PREVENTION**

|      |  |
|------|--|
| P201 | Obtain special instructions before use.  |
| P202 | Do not handle until all safety precautions have been read and understood.                      |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P233 | Keep container tightly closed.   |
| P240 | Ground/bond container and receiving equipment.   |
| P241 | Use explosion-proof electrical/ventilating/lighting equipment.                                 |
| P242 | Use only non-sparking tools.   |
| P243 | Take precautionary measures against static discharge.  |
| P261 | Avoid breathing dust/fume/gas/mist/vapors/spray.   |
| P264 | Wash skin thoroughly after handling.   |
| P271 | Use only outdoors or in a well-ventilated area.  |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection.                     |
| P281 | Use personal protective equipment as required.   |

**PRECAUTIONARY STATEMENTS: RESPONSE**

|                |  |
|----------------|--|
| P302+P352      | IF ON SKIN: Wash with plenty of soap and water.  |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.                              |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| 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 CONTROL CENTER/doctor if you feel unwell.  |
| P321           | Specific treatment (see supplemental first aid instruction on this label).   |
| P332+P313      | If skin irritation occurs: Get medical advice/attention.   |
| P337+P313      | If eye irritation persists: Get medical advice/attention.  |
| P363           | Wash contaminated clothing before reuse.   |
| P370+P378      | In case of fire: use recommended media to extinguish.  |

**PRECAUTIONARY STATEMENTS: STORAGE**

|           |  |
|-----------|--|
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P403+P235 | Store in a well-ventilated place. Keep cool.                     |
| P405      | Store locked up.   |

**Section 3. Composition/Information on Ingredients**

| <u>Chemical Name</u>            | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u>        |
|---------------------------------|----------------|--------------|--------------------|------------------------------|
| ALIPHATIC HYDROCARBON(MS)       | 64742-47-8     | 10-15        | GHS02-GHS07        | H226-336                     |
| ETHYLENE GLYCOL MONOBUTYL ETHER | 111-76-2       | 2-3          | GHS06              | H227-302-312-315-319-331-336 |
| TITANIUM DIOXIDE                | 13463-67-7     | 1-2          | GHS08              | H351                         |
| ETHYL BENZENE (HAP)             | 100-41-4       | 0-1          | GHS02-GHS08        | H225-320-351-372             |
| CRYSTALLINE SILICA              | 14808-60-7     | 0-1          | GHS08              | H350-373                     |

**Section 4. First-Aid Measures**

**FIRST AID - INHALATION:** Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention.

**FIRST AID - SKIN CONTACT:** Wash with soap and water. Get medical attention if irritation develops or persists.

**FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

**FIRST AID - INGESTION:** If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**MOST IMPORTANT SYMPTOMS:** Eye irritation signs/symptoms may include a burning sensation, redness, swelling, and/or blurred vision. Skin irritation signs/symptoms may include a burning sensation, redness, swelling, and/or blisters. If inhaled signs/symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever. Onset of respiratory symptoms may be delayed for several hours following exposure. Inhalation of high vapor concentrations may cause central nervous system depression resulting in dizziness, light-headedness, headache, nausea, and loss of coordination. Continued inhalation may result in unconsciousness and death.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION IF NECESSARY:** If symptoms persist call a poison control center or a

doctor/physician.

## Section 5. Fire-Fighting Measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Vapors may form explosive mixture with air. Vapors can travel to a source of ignition and flash back. Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flashpoint. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty containers should be completely drained, properly sealed, and promptly recycled or properly disposed of. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and may be ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. Eliminate or shut off ALL ignition sources prior to usage.

**SPECIAL FIREFIGHTING PROCEDURES:** Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire. Move containers from fire area if it can be done without risk.

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

## Section 6. Accidental Release Measures

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:** ELIMINATE all ignition sources (no smoking, flares, sparks, flames, or motor vehicles of any kind in the immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do so without risk.

**ENVIRONMENTAL PRECAUTIONS:** Prevent entry into waterways, sewers, basements, and other confined spaces.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Contain and absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways.

## Section 7. Handling and Storage



**HANDLING:** FLAMMABLE LIQUID. Avoid heat, sparks and open flames. Use in well ventilated area. To avoid ignition of vapors by static electricity discharge all metal parts of the equipment must be grounded. Do not use compressed air for filling, discharging or handling. Wash thoroughly after handling. Ground and bond containers when transferring material. Use spark-proof tools and explosion-proof equipment.

**STORAGE:** Keep away from heat, sparks and flame. Keep container closed when not in use.

## Section 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

| Chemical Name                   | ACGIH TLV-TWA          | ACGIH-TLV STEL | OSHA PEL-TWA           | OSHA PEL-CEILING |
|---------------------------------|------------------------|----------------|------------------------|------------------|
| ALIPHATIC HYDROCARBON(MS)       | 100 ppm                | N.E.           | N.E.                   | N.E.             |
| ETHYLENE GLYCOL MONOBUTYL ETHER | 20 PPM                 | N.E.           | 50 PPM                 | N.E.             |
| TITANIUM DIOXIDE                | 5 mg/m <sup>3</sup>    | N.E.           | 5 mg/m <sup>3</sup>    | N.E.             |
| ETHYL BENZENE (HAP)             | 100 ppm                | 125 ppm        | 100 ppm                | N.E.             |
| CRYSTALLINE SILICA              | 0.05 mg/m <sup>3</sup> | N.E.           | 0.05 mg/m <sup>3</sup> | N.E.             |

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

### Protective Measures



**ENGINEERING CONTROLS:** Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.



**RESPIRATORY PROTECTION:** A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. 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 chemical resistant splash goggles and face shield (ANSI Z87.1 or approved equivalent). The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Rubber, nitrile or neoprene to prevent skin contact. Permeation resistant gloves (Butyl rubber, nitrile, or polyvinyl alcohol) are recommended. Note that polyvinyl alcohol degrades in contact with water.



**EYE PROTECTION:** Wear safety glasses with side shields (or goggles) and a face shield.



**OTHER PROTECTIVE EQUIPMENT:** Where splashing is possible full chemically resistant protective clothing (e.g. acid suit) and boots are required.



**HYGIENIC PRACTICES:** Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all SDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

## Section 9. Physical and Chemical Properties

|                                 |                           |   |            |
|---------------------------------|---------------------------|---|------------|
| <b>Appearance:</b>              | Brown Liquid              | <b>Physical State:</b>                              | Liquid     |
| <b>Odor:</b>                    | Organic Solvent           | <b>Odor Threshold:</b>                              | N.D.       |
| <b>Specific Gravity:</b>        | 1.213                     | <b>pH:</b>  | N.A.       |
| <b>Freeze Point, °C:</b>        | N.D.                      | <b>Viscosity:</b>                                   | 83-88 KU   |
| <b>Solubility in Water:</b>     | Insoluble                 | <b>Partition Coefficient, n-octanol/<br/>water:</b> | N.D.       |
| <b>Decomposition Temp., °C:</b> | N.D.                      | <b>Explosive Limits, vol%:</b>                      | 0.5 - 10.6 |
| <b>Boiling Range, °C:</b>       | 100 - 196                 | <b>Flash Point, °C:</b>                             | 40.5       |
| <b>Evaporation Rate:</b>        | Slower than Diethyl Ether | <b>Vapor Pressure:</b>                              | N.D.       |
| <b>Vapor Density:</b>           | Heavier than air          |   |            |

(See "Other information" Section for abbreviation legend)

## Section 10. Stability and Reactivity

**REACTIVITY:** No Information

**STABILITY:** This product is stable under normal storage conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** None under normal processing conditions.

**CONDITIONS TO AVOID:** Heat, sparks and open flames.

**INCOMPATIBILITY:** None reasonably foreseeable.

**HAZARDOUS DECOMPOSITION PRODUCTS:** May produce fumes when heated to decomposition, as in welding or fire. Fumes may contain: Carbon Monoxide, Carbon Dioxide and various other hydrocarbons.

## Section 11. Toxicological Information



### Practical Experiences

**EFFECT OF OVEREXPOSURE - INHALATION:** Harmful if inhaled. Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Prolonged inhalation may be harmful. Proper respiratory equipment **MUST** be worn when sanding or abrading surfaces painted with this product. Sanding or abrading the dried paint film increases the risk of exposure. When incorporated in the liquid paint, pigments or extenders pose minimal risk of exposure.

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** Causes skin irritation. Allergic reactions are possible. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

**EFFECT OF OVEREXPOSURE - INGESTION:** This material may be harmful or fatal if swallowed. Irritating to mouth, throat and stomach.

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

#### STOT - SINGLE EXPOSURE

No Additional Information

#### STOT - REPEATED EXPOSURE

No Additional Information

**Carcinogenicity:** The information below indicates whether each agency has listed any ingredient as a carcinogen if present at levels greater than or equal to 0.1 %.

| <u>CAS-No.</u> | <u>Name</u>                     | <u>NTP</u>        | <u>OSHA</u>        | <u>IARC</u>        |
|----------------|---------------------------------|-------------------|--------------------|--------------------|
| 64742-47-8     | ALIPHATIC HYDROCARBON(MS)       | Not listed by NTP | Not listed by OSHA | Not listed by IARC |
| 111-76-2       | ETHYLENE GLYCOL MONOBUTYL ETHER | Not listed by NTP | Not listed by OSHA | Not listed by IARC |
| 13463-67-7     | TITANIUM DIOXIDE                | Not listed by NTP | Not listed by OSHA | Group 2B           |
| 100-41-4       | ETHYL BENZENE (HAP)             | Not listed by NTP | Not listed by OSHA | Group 2B           |
| 14808-60-7     | CRYSTALLINE SILICA              | Known carcinogen  | Labeled by OSHA    | Group 1            |

National Toxicological Program (NTP), Occupational Safety & Health Association (OSHA), International Agency for Research on Cancer (IARC) Group 1: Carcinogenic to Humans, Group 2A: Probably Carcinogenic to Humans, Group 2B: Possibly Carcinogenic to Humans, Group 3: Not Classifiable as to its Carcinogenicity to Humans

#### 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>Name according to EEC</u>    | <u>Oral LD50 (mg/kg)</u> | <u>Dermal LD50 (mg/kg)</u> | <u>Vapor LC50 (mg/L)</u> |
|----------------|---------------------------------|--------------------------|----------------------------|--------------------------|
| 64742-47-8     | ALIPHATIC HYDROCARBON(MS)       | >5000 (rat)              | >5000 (rabbit)             | No Information           |
| 111-76-2       | ETHYLENE GLYCOL MONOBUTYL ETHER | 745 (rat)                | 1250 (rat)                 | No Information           |
| 13463-67-7     | TITANIUM DIOXIDE                | No Information           | No Information             | No Information           |
| 100-41-4       | ETHYL BENZENE (HAP)             | 3500 (rat)               | 17,000 (rabbit)            | No Information           |
| 14808-60-7     | CRYSTALLINE SILICA              | No Information           | No Information             | No Information           |

## Section 12. Ecological Information

**ECOLOGICAL INFORMATION:** No Information

**MOBILITY IN SOIL:** No Information

**OTHER ADVERSE EFFECTS:** No Information

## Section 13. Disposal Considerations



Product

**DISPOSAL METHOD:** Dispose of in accordance with all local, state, and federal regulations. Approved incinerator or approved hazardous waste facility.

## Section 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

**ENVIRONMENTAL HAZARDS:** No Information

**TRANSPORT IN BULK:** See DOT Information below.

|                                  |         |                          |      |
|----------------------------------|---------|--------------------------|------|
| <b>DOT Proper Shipping Name:</b> | PAINT   | <b>Packing Group:</b>    | III  |
| <b>DOT UN/NA Number:</b>         | UN 1263 | <b>Hazard SubClass:</b>  | N.A. |
| <b>DOT Hazard Class:</b>         | 3       | <b>Resp. Guide Page:</b> | 128  |
| <b>DOT Technical Name:</b>       | N.A.    |                          |      |

**Exception:** This material may be reclassified as a COMBUSTIBLE LIQUID and can be shipped as a NON-HAZARDOUS material per DOT:1.) If transported In non-bulk packaging, container size less than 450 liters Or 119 gallons, (e.g. 55 gallon drums) per 49 CFR 173.150(f)(2) And, 2.) If Not transported As a liquid at a temperature at Or above its flash point(e.g. Not heated For transport) per 49 CFR 173.150(f)(4)(iii).

## Section 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:

| <u>Chemical Name</u>            | <u>CAS-No.</u> |
|---------------------------------|----------------|
| ETHYLENE GLYCOL MONOBUTYL ETHER | 111-76-2       |
| XYLENE (HAP)                    | 1330-20-7      |
| ETHYL BENZENE (HAP)             | 100-41-4       |
| 1,2,4 TRIMETHYLBENZENE          | 95-63-6        |
| CUMENE (HAP)                    | 98-82-8        |

#### 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:

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

### U.S. State Regulations:

#### PENNSYLVANIA RIGHT-TO-KNOW

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

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| H2O                  | 7732-18-5      |
| CALCIUM CARBONATE    | 1317-65-3      |
| LONG OIL ALKYD       | PROPRIETARY    |

**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> |
|----------------------|----------------|
| CARBON BLACK         | 1333-86-4      |
| ETHYL BENZENE (HAP)  | 100-41-4       |
| CRYSTALLINE SILICA   | 14808-60-7     |
| CUMENE (HAP)         | 98-82-8        |

**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 REGULATORY INFORMATION:**

This SDS has been prepared in compliance with Hazardous Product Regulations (HPR).

Canadian DSL: No Information

**Section 16. Other Information, Including Date of Preparation of the Last Revision**

|  |                       |                             |          |
|--|-----------------------|-----------------------------|----------|
| <b>Revision Date:</b>                      | 1/23/2019             | <b>Supersedes Date:</b>     | 1/5/2016 |
| <b>Datasheet produced by:</b>              | Regulatory Department |                             |          |
| <b>HMIS Ratings:</b>                       |                       |                             |          |
| <b>Health:</b>                             | 2*                    | <b>Flammability:</b>        | 2        |
|  |                       | <b>Reactivity:</b>          | 0        |
|  |                       | <b>Personal Protection:</b> | H        |
| <b>Volatile Organic Compounds, lb/gal:</b> | 2.78                  |                             |          |
| <b>Volatile Organic Compounds, gr/ltr:</b> | 333                   |                             |          |

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information, STOT - Specific Target Organ Toxicity, MIR - Maximum Incremental Reactivity

The information on this safety data sheet 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, or where instructions and recommendations are not followed. The user assumes all risks incident to the use of the product and must communicate to employees and customers all warnings that relate to the potential exposure to this product. It is the responsibility of the user to comply with all Federal, State, and Local laws, regulations, and ordinances, and to assure that all workplace and disposal practices are in compliance with such. ALL WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY EXCLUDED. IN NO EVENT SHALL THE SUPPLIER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.