

DBP – Dixie Belle Mud : Brown

Revision Date 5/1/2020



Safety Data – Dixie Belle Mud: Brown

1. Identification

Product identifier used on the label

Dixie Belle Paint Company – Dixie Belle Mud: Brown

Company:

Dixie Belle Paint Co.

8019 Ridge Road

Port Richey, FL 34668

Telephone: +1 813-909-1962

Emergency telephone number

CHEMTREC: 1-800-424-9300

2. Hazard(s) Identification

| | | |
|----------------------|-----------------|-------------|
| Physical hazards | Not classified. | |
| Health hazards | Carcinogenicity | Category 1A |
| OSHA defined hazards | Not classified. | |

Label elements



| | |
|---|--|
| Signal word | Danger |
| Hazard statement | May cause cancer by inhalation. |
| Precautionary statement | |
| Prevention | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. |
| Response | If exposed or concerned: Get medical advice/attention. |
| Disposal | Dispose of in accordance with local, state, and federal regulations. |
| Hazard(s) not otherwise classified (HNOC) | Not classified. |

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3. Composition / Information on Ingredients

| Chemical Name | CAS Number | % |
|-------------------------------------|-------------|-------------|
| Yellow Iron Oxide | 51274-00-1 | 0.02 – 0.07 |
| Red Iron Oxide | 1309-37-1 | 0.01 – 0.05 |
| Black Iron Oxide | 12227-89-3 | 0.07 – 0.13 |
| Calcium Carbonate Mixture | 471-34-1 | 0.5 – 0.65 |
| Ethoxylated Surfactant | 68154-97-2 | 0.02 – 0.07 |
| Nonylphenol, Ethoxylated Surfactant | 127087-87-0 | 0.07 – 0.12 |
| Diacetone Alcohol | 123-42-2 | 0.1 – 0.17 |
| Additives | Proprietary | 0.01 |

Mixtures

| Chemical Name | CAS Number | % |
|-----------------------------|------------|------|
| Limestone | 1317-65-3 | > 60 |
| Attapulgite | 12174-11-7 | < 20 |
| Mica | 12001-26-2 | < 20 |
| Starch | 9005-25-8 | < 5 |
| Crystalline Silica (Quartz) | 14808-60-7 | < 1 |

Composition comments

All concentrations are in percent by weight unless ingredient is a gas.

Raw materials in this product contain respirable crystalline silica as an impurity. The weight percent of respirable crystalline silica found in this product is <1.0%. Exposures to respirable crystalline silica during the normal use of this product must be determined by workplace hygiene testing.

4. First-Aid Measures

Inhalation

Dust irritates the respiratory system and may cause coughing and difficulties in breathing. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.

Skin contact

Contact with dust: Rinse area with plenty of water. Get medical attention if irritation develops or persists.

Eye contact

Dust in the eyes: Do not rub eyes. Flush thoroughly with water. If irritation occurs, get medical assistance.

Ingestion

Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Under normal conditions of intended use, this material does not pose a risk to health. Dust may irritate throat and respiratory system and cause coughing.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically.

General information

Ensure that medical personnel are aware of the material(s) involved.

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5. Fire-Fighting Measures

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| Suitable extinguishing media | Use fire-extinguishing media appropriate for surrounding materials. |
| Unsuitable extinguishing media | Not applicable. |
| Specific hazards arising from the chemical | Not a fire hazard. |
| Special protective equipment and precautions for firefighters | Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire-fighting equipment/instructions | Use standard firefighting procedures and consider the hazards of other involved materials. |
| Specific methods | Cool material exposed to heat with water spray and remove it if no risk is involved. |

6. Accidental Release Measures

| | |
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| Personal precautions, protective equipment and emergency procedures | See Section 8 of the SDS for Personal Protective Equipment. |
| Methods and materials for containment and cleaning up | Vacuum up the spilled material. Vacuums used for this purpose should be equipped with HEPA filters. Collect in approved containers and seal securely. Containers must be labeled. For waste disposal, see Section 13 of the SDS. |
| Environmental precautions | Avoid discharge to drains, sewers, and other water systems. |

7. Handling and Storage

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| Precautions for safe handling | Minimize dust production when mixing, sanding, or opening and closing bags. Avoid inhalation of dust. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices and use appropriate lifting techniques. |
| Conditions for safe storage, including any incompatibilities | Store in a cool, dry, well-ventilated place. Store in a closed container away from incompatible materials. Protect from moisture. Keep away from heat. Do not use if material has spoiled, i.e., there is a moldy appearance or an unpleasant odor. Keep containers closed when not in use. |

8. Exposure Controls/Personal Protection

Exposure Guidelines

| Chemical Name | ACHIH TLV | OSHA PEL | NIOSH IDLH |
|-------------------------------------|-------------------------|--------------------------|--------------------|
| Yellow Iron Oxide | TWA 5 mg/m ³ | PEL 10 mg/m ³ | Data Not Available |
| Red Iron Oxide | TWA 5 mg/m ³ | PEL 10 mg/m ³ | Data Not Available |
| Black Iron Oxide | TWA 5 mg/m ³ | PEL 5 mg/m ³ | Data Not Available |
| Calcium Carbonate | TWA 10mg/m ³ | Data Not Available | Data Not Available |
| Ethoxylated Surfactant | Data Not Available | Data Not Available | Data Not Available |
| Nonylphenol, Ethoxylated Surfactant | Data Not Available | Data Not Available | Data Not Available |
| Diacetone Alcohol | TWA 50 ppm | PEL 50 ppm | Data Not Available |

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Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value | Form |
|---------------------------|------|---|-------------------------------------|
| Limestone (CAS 1317-65-3) | PEL | 5 mg/m ³ 15 mg/m ³ | Respirable Fraction Total Dust. |
| Starch (CAS 9005-25-8) | PEL | 5 mg/m ³ 15 mg/m ³ | Respirable Fraction. Total Dust. |

US. OSHA Table Z-3 (29 CFR 1910.1000)

| Components | Type | Value |
|-----------------------|------|----------|
| Mica (CAS 12001-26-2) | TWA | 20 mppcf |

| Impurities | Type | Value | Form |
|---|------|-----------------------|-------------|
| Crystalline silica (Quartz) (CAS 14808-60-7) | TWA | 0.3 mg/m ³ | Total dust. |
| | | 0.1 mg/m ³ | Respirable. |
| | | 2.4 mppcf | Respirable. |

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|---|------|-------------------------|----------------------|
| Mica (CAS 12001-26-2) | TWA | 3 mg/m ³ | Respirable fraction. |
| Starch (CAS 9005-25-8) | TWA | 10 mg/m ³ | |
| Impurities | Type | Value | Form |
| Crystalline silica (Quartz) (CAS 14808-60-7) | TWA | 0.025 mg/m ³ | Respirable fraction. |

US NIOSH Pocket Guide to Chemical Hazards: Recommended exposure limit (REL)

| Components | Type | Value | Form |
|---|------|------------------------|------------------|
| Limestone (CAS 1317-65-3) | TWA | 5 mg/m ³ | Respirable. |
| | | 10 mg/m ³ | Total |
| Mica (CAS 12001-26-2) | TWA | 3 mg/m ³ | Respirable. |
| Starch (CAS 9005-25-8) | TWA | 5 mg/m ³ | Respirable. |
| | | 10 mg/m ³ | Total |
| Impurities | Type | Value | Form |
| Crystalline silica (Quartz) (CAS 14808-60-7) | TWA | 0.05 mg/m ³ | Respirable dust. |

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| Biological limit values | No biological exposure limits noted for the ingredient(s). |
| Appropriate engineering controls | Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure. |
| Individual protection measures, such as personal protective equipment | |
| Eye/face protection | Wear approved safety goggles. |
| Skin protection | |
| Hand protection | It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves. |
| Other | Normal work clothing (long sleeved shirts and long pants) is recommended. |
| Respiratory protection | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use. |
| Thermal hazards | None. |
| General hygiene considerations | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment separately from regular wash. Observe any medical surveillance requirements. |

9. Physical and Chemical Properties

Appearance

| | | |
|---|---------------------------------------|-----------------------------------|
| Physical state: Solid. | Form: Powder. | Color: White to off-white. |
| Odor: Low to no odor. | Odor threshold: Not applicable | |
| pH | 7.5 - 9.9 | |
| Melting point/freezing point | Not applicable. | |
| Initial boiling point and boiling range | Not applicable. | |
| Flash point | Not applicable. | |
| Evaporation rate | Not applicable. | |
| Flammability (solid, gas) | Not applicable. | |
| Upper/lower flammability or explosive limits | | |
| Flammability limit – lower (%) | Not applicable. | |
| Flammability limit - upper (%) | Not applicable. | |
| Explosive limit - lower (%) | Not applicable. | |
| Explosive limit - upper (%) | Not applicable. | |
| Vapor pressure | Not applicable. | |
| Vapor density | Not applicable. | |
| Relative density | 1.4 - 1.8 (H ₂ O=1) | |
| Solubility(ies) | Soluble in water. | |
| Partition coefficient (n-octanol/water) | Not applicable. | |
| Auto-ignition temperature | Not applicable. | |

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Decomposition temperature Not applicable.
Viscosity Not applicable.
Other information 90 -112lbs/ft³
Bulk Density:
VOC (Weight%):
None Detected.

10. Stability and Reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability Material is stable under normal conditions.
Possibility of hazardous reactions Hazardous polymerization does not occur.
Conditions to avoid Exposure to moisture.
Incompatible materials None known.
Hazardous decomposition products Above 1472°F (800°C) limestone (CaCO₃) can decompose to lime (CaO) and release carbon dioxide (CO₂).

11. Toxicological Information

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-------------------------------------|------------------------|----------------------|--------------------|
| Yellow Iron Oxide | > 5000 mg/kg (rat) | > 5500 mg/kg (rat) | Data Not Available |
| Red Iron Oxide | Data Not Available | > 5500 mg/kg (rat) | Data Not Available |
| Black Iron Oxide | > 5000 mg/kg (rat) | Data Not Available | Data Not Available |
| Calcium Carbonate | LD50>6,450 mg/kg (rat) | Data Not Available | Data Not Available |
| Ethoxylated Surfactant | Data Not Available | Data Not Available | Data Not Available |
| Nonylphenol, Ethoxylated Surfactant | >3314 mg/kg (rat) | >3000 mg/kg (rabbit) | Data Not Available |
| Diacetone Alcohol | 4 g/kg (rat) | 14.5 ml/kg (rabbit) | Data Not Available |

Information on likely routes of exposure

Ingestion May cause discomfort if swallowed.
Inhalation Inhalation of dusts may cause respiratory irritation. Prolonged and repeated exposure to airborne respirable crystalline silica can cause silicosis and/or lung cancer.
Skin contact Under normal conditions of intended use, this material does not pose a skin hazard.
Eye contact Direct contact with airborne particulates may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics Dust may irritate eyes and mucous membranes of the nose, throat and upper respiratory system causing sneezing and/or coughing.

Information on toxicological effects

Acute toxicity Not expected to be a hazard under normal conditions of intended use.
Skin corrosion/irritation Prolonged or repeated skin contact may cause drying, cracking, or irritation.
Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.
Respiratory sensitization Not a respiratory sensitizer.
Skin sensitization This product is not expected to cause skin sensitization.

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12. Ecological Information

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|--------------------------------------|--|
| Ecotoxicity | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| Persistence and degradability | No data available. |
| Bioaccumulative potential | Bioaccumulation is not expected. |
| Mobility in soil | No data available. |
| Other adverse effects | None expected. |

13. Disposal Considerations

| | |
|--|---|
| Disposal instructions | Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly. |
| Local disposal regulations | Dispose of in accordance with local regulations. |
| Hazardous waste code | Not regulated. |
| Waste from residues / unused products | Dispose of in accordance with local regulations. |
| Contaminated packaging | Dispose of in accordance with local regulations. |

14. Transport Information

DOT

Not regulated as a hazardous material by DOT.

IATA

Not regulated as a dangerous good.

IMDG

Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory Information

US Federal Regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

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Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard: Yes

Delayed Hazard: Yes

Fire Hazard: No

Pressure Hazard: No

Reactivity Hazard: No

SARA 302 Extremely Hazardous Substance: No

SARA 311/312 Hazardous Chemical: Yes

SARA 313 (TRI Reporting): Not Regulated.

Other Federal Regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not Regulated

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Not Regulated

Safe Drinking Water Act (SDWA) Not regulated.

Food and Drug Administration (FDA) Not regulated.

US State Regulations

US. Massachusetts RTK - Substance List

Crystalline silica (Quartz) (CAS 14808-60-7) Limestone (CAS 1317-65-3)

Mica (CAS 12001-26-2)

Starch (CAS 9005-25-8)

US. New Jersey Worker and Community Right-to-Know Act

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

Crystalline silica (Quartz) (CAS 14808-60-7) Limestone (CAS 1317-65-3)

Mica (CAS 12001-26-2)

Starch (CAS 9005-25-8)

US. Rhode Island RTK Not regulated.

US. California Proposition 65

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

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Attapulgite (CAS 12174-11-7)

Crystalline silica (Quartz) (CAS 14808-60-7)

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16. Other Information, Including Date of Preparation or Last Revision

Issue date 05-May-2020

Revision date -

Version # 01

Further information Crystalline silica: Raw materials in this product may contain respirable crystalline silica. Exposures to respirable crystalline silica are not expected during the normal use of this product. However, actual levels must be determined by workplace hygiene testing. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer.

Attapulgite: Carcinogenic to experimental animals via a route of exposure not relevant to human exposure.

NFPA Ratings:

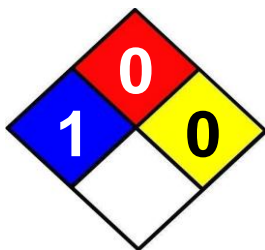
Health: 1

Flammability: 0

Physical hazard: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

NFPA Ratings



List of abbreviations

NFPA: National Fire Protection Association.

References

Registry of Toxic Effects of Chemical Substances (RTECS)

HSDB® - Hazardous Substances Data Bank

Torben et al. (2001). Environmental and Health Assessment of Substances in Household Detergents and Cosmetic Products.

Disclaimer

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.