


Safety Data Sheet

BOSS[®] 165 Multi-Seal Fast Grab Landscape Adhesive

Section 1. Identification

| | | | |
|------------------------------|---|----------------------------|----------------|
| Product Identifier | BOSS [®] 165 Multi-Seal Fast Grab Landscape Adhesive | | |
| Synonyms | 04448GY10 | | |
| Manufacturer Stock Numbers | 04448GY10 | | |
| Recommended use | Refer to Technical Information | | |
| Uses advised against | Refer to Technical Information | | |
| Manufacturer Contact Address | Soudal Accumetric 350 Ring Road Elizabethtown, KY, 42701 USA | | |
| | Phone | Emergency Phone | Fax |
| | (270) 769-3385 | (800) 424-9300 CHEMTREC | (270) 765-2412 |

Section 2. Hazards Identification

| | |
|----------------|---|
| Classification | EYE DAMAGE/IRRITATION - Category 2A SENSITIZATION - SKIN - Category 1 |
| Signal Word | Warning |
| Pictogram |  |

Hazard Statements Causes serious eye irritation
May cause an allergic skin reaction

Precautionary Statements

Response If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If on skin: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Read label before use.
Wash contaminated clothing before reuse.

Prevention Avoid breathing dust/fume/gas/mist/ vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Wash thoroughly after handling.
Wear eye protection/face protection.
Wear protective gloves.

Storage N/A

Disposal Dispose of contents/container in accordance with local/regional/national /international regulations

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Other hazards None known

Section 3. Ingredients

| CAS | Ingredient Name | Weight % |
|------------|---|-----------|
| 471-34-1 | Calcium Carbonate | 50 % |
| | Silyl Terminated Polyether | 30% - 35% |
| 22673-19-4 | Dibutyltin Diacetyldiacetate | 1% - Max |
| 1760-24-3 | N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane | 1% - Max |
| 64742-46-7 | Distillates (petroleum), hydrotreated middle | 1% - 5% |
| 13463-67-7 | Titanium Dioxide | 1% - 5% |
| | Micronised Wax | 1% - 5% |
| 2768-02-7 | Vinyltrimethoxysilane | 1% - 5% |
| 26761-40-0 | Diisodecyl phthalate | 1 % |

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Description of Necessary Measures If exposed or concerned: Get medical advice/attention.

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| Inhalation | IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. |
| Skin | IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. |
| Eyes | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Ingestion | If a large amount is swallowed, get medical attention. |
| Indication of any immediate medical attention and special treatment needed | Treat symptomatically and supportively. |
| Most Important Symptoms/Effects | Acute: Causes serious eye irritation. Delayed: May cause allergic skin reaction. |

Section 5. Fire Fighting Measures

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| Suitable Extinguishing Media | Use appropriate media for extinction. |
| Unsuitable Extinguishing Media | None known |
| Special Hazards Arising from the Chemical | Negligible fire hazard. |
| Hazardous Combustion Products | Oxides of carbon, oxides of calcium, hydrogen chloride |
| Special Protective Equipment and Precautions for Firefighters | Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure. Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Dike for later disposal. |

Section 6. Accidental Release Measures

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| Personal Precautions, Protective Equipment and Emergency Procedures | Keep unnecessary people away, isolate hazard area and deny entry. Wear personal protective clothing and equipment. |
| Methods and Materials for Containment and Cleaning Up | Collect spilled material using mechanical equipment. Do not spray on an open flame or other ignition sources. Stop leak if possible without personal risk. Only personnel trained for the hazards of this material should perform clean up and disposal. |
| Environmental Precautions | Toxic to aquatic life. Avoid release to the environment. Do not flush into sanitary sewer systems, drains or surface water. |

Section 7. Handling and Storage

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| Precautions for Safe Handling | Avoid contact with skin and eyes. Provide adequate ventilation. Wash thoroughly after handling. Use recommended personal protective equipment. |
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Conditions for Safe Storage, Including any Incompatibilities
 Incompatible Materials

None needed according to classification criteria.
 Keep away from incompatible materials.
 Oxidizing materials, bases, combustible materials, strong acids, strong bases

Section 8. Exposure Controls/Personal Protection

| Occupational Exposure Limits | Ingredient Name | ACGIH TLV | OSHA PEL | STEL |
|-------------------------------|--|---------------------------|--------------------------------------|----------------------|
| | Calcium Carbonate | 10 mg/m ³ | 5 mg/m ³ | N/A |
| | Silyl Terminated Polyether | N/A | N/A | N/A |
| | Dibutyltin Diacetyldiacetonate | N/A | N/A | N/A |
| | N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane | N/A | N/A | N/A |
| | Distillates (petroleum), hydrotreated middle | 5 mg/m ³ | 5 mg/m ³ | 10 mg/m ³ |
| | Titanium Dioxide | TWA: 10 mg/m ³ | TWA: 15 mg/m ³ total dust | N/A |
| | Micronised Wax | N/A | N/A | N/A |
| | Vinyltrimethoxysilane | N/A | N/A | N/A |
| | Diisodecyl phthalate | N/A | N/A | N/A |
| Personal Protective Equipment | Goggles, Gloves | | | |
| Biological limit value | There are no biological limit values for any of this product's components. | | | |
| Engineering Controls | Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits. | | | |
| Eye/face protection | Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area. | | | |
| Skin protection | Wear appropriate chemical resistant clothing. | | | |
| Respiratory Protection | A NIOSH approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits. | | | |
| Glove recommendations | Wear appropriate chemical resistant gloves. | | | |

Section 9. Physical and Chemical Properties

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| Physical State | Paste |
| Color | Gray |
| Odor | Typical |
| Odor Threshold | Not available |
| Solubility | Not available |
| Partition coefficient Water/n-octanol | Not available |
| VOC% | N/A |

Titanium dioxide(inbound in mixture) (13463-67-7)
Oral LD50Rat >10000 mg/kg

Distillates (petroleum), hydrotreated middle (64742-46-7)
Oral LD50Rat 7400 mg/kg
Dermal LD50Rabbit >2000 mg/kg
Inhalation LC50Rat 4.6 mg/L 4 h

Diisodecyl phthalate (26761-40-0)
Oral LD50Rat 64 g/kg
Dermal LD50Rabbit >3160 mg/kg
Inhalation LC50Rat >12.54 mg/L 4 h

Immediate Effects

Causes serious eye damage.

Delayed Effects

May cause allergic skin reaction.

Irritation/Corrosivity Data

Causes serious eye irritation.

Respiratory Sensitization

No data available.

Dermal Sensitization

No data available.

Component

Titanium dioxide(inbound in mixture) 13463-67-7

Carcinogenicity

ACGIH: A4 - Not Classifiable as a Human Carcinogen

IARC: Monograph 93 [2010]; Monograph 47 [1989](Group 2B (possibly carcinogenic to humans))

DFG: Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra small particles)

OSHA: Present

Dibutyltin Diacetyldiacetonate 22673-19-4

ACGIH: A4 - Not Classifiable as a Human Carcinogen (related to Tin organic compounds)

Diisodecyl phthalate 26761-40-0

DFG: Category 3B (could be carcinogenic for man)

Germ Cell Mutagenicity

No data available.

Reproductive Toxicity

No data available.

Specific Target Organ

Single Exposure: eyes

Toxicity

Repeated Exposure: No information on significant adverse effects.

Aspiration hazard

No information available for the product.

Medical conditions

eye disorders, skin disorders

aggravated by exposure

Section 12. Ecological Information

Component Analysis -
Aquatic Toxicity

Distillates (petroleum), hydrotreated middle 64742-46-7

Fish: LC50 96 h Pimephales promelas 35 mg/L [flow-through]; LC50 96 h Pimephales promelas >10000 mg/L [static]

Diisodecyl phthalate 26761-40-0

Fish: LC50 96 h Lepomis macrochirus >0.55 mg/L [static]; LC50 96 h Pimephales promelas >1 mg/L [flow-through]

Algae: EC50 72 h Desmodosmus subspicatus >500 mg/L IUCLID; EC50 96 h
Pseudokirchneriella subcapitata >0.8 mg/L [static] EPA
Invertebrate: EC50 48 h Daphnia magna >0.02 mg/L [static] EPA

Section 13. Disposal

Disposal Methods Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14. Transport Information

UN Number N/A
UN Proper Shipping Name Not regulated
DOT Classification Not regulated
Packing Group Not regulated
TDG Information: UN#: Not Regulated

Section 15. Regulatory Information

U.S. Federal Regulations None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA Section 311/312 (40 CFR 370 Subparts B and C) Acute Health: Yes
Chronic Health: Yes
Fire: No
Pressure: No
Reactivity: No

U.S. State Regulations The following components appear on one or more of the following state hazardous substances lists:
Precipitated Calcium carbonate 471-34-1: MA MN NJ PA
Titanium dioxide(inbound in mixture) 13463-67-7: MA MN NJ PA
Dibutyltin Diacetyldiacetonate 22673-19-4: CA MN
Diisodecyl phthalate 26761-40-0: CA PA

California Prop 65 WARNING: This product can expose you to chemicals including Titanium Dioxide, which is known to the State of California to cause cancer, and Diisodecyl phthalate, which is known to the State of California to cause birth defects and/or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

Section 16. Other Information

Revision Date 6/1/2018

Disclaimer The data contained herein is based upon information that Soudal Accumetric believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety

and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.