

Material Safety Data Sheet – MSDS

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| Product Name: | Topcoat |
| Revision Date: | 3/22/2011 |

1. Product Identification

| | |
|---------------------|----------------------------------|
| Product | Alternative Daily Landfill Cover |
| Trade Name | Topcoat |
| CAS# | 9004-34-6 |
| ACGIH TVL | 5 mg/m ³ (respirable) |
| OSHA | 15 mppcf |
| HMIS Rating: | Flammability 1 |
| | Personal Protection E |
| | Health 1 |
| | Reactivity 0 |
| Filler | Proprietary |

2. Hazardous Ingredients

Cellulosic based Fibers are considered a Nuisance Dust and should be controlled as described in Section VIII herein. Not listed as carcinogen or potential; no National Toxicology Program, IARC or OSHA involvement currently recorded.

3. Physical Properties

| | |
|-------------------------------|---|
| Boiling Point (F) | Not Applicable |
| Vapor Pressure (mm Hg) | Not Applicable |
| Vapor Density | Not Applicable |
| Solubility in Water | Insoluble, Dispersible |
| Bulk Density | 22 lb/ft ³ |
| Reactivity in Water | Dispersible |
| Melting Point | Not Applicable |
| Appearance & Odor | Coarse material, brown in color. No discernible odor. |

4. Fire & Explosion Data

| | |
|---|----------------|
| Flash Point | >200C |
| Flammability Limits: | |
| LEL | Not Applicable |
| UEL | Not Applicable |
| Extinguishing Media | Water |
| Special Fire Fighting Procedures | None |
| Unusual Fire & Explosion Hazards | None |

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5. Reactivity

| | |
|---------------------------------|--|
| Stability | Stable |
| Conditions to Avoid | Avoid extreme heat & flame |
| Hazardous Decomposition | May produce carbon monoxide & carbon dioxide |
| Hazardous Polymerization | Will not occur |

6. Health Hazards

Material is primarily a Nuisance Dust Overexposure

May cause irritation to eye & respiratory system. Avoid breathing dust.

Inhalation

Can cause irritation to mucous membrane & upper respiratory system. Remove to fresh air.

Ingestion

May cause vomiting or diarrhea.

Eyes

In case of eye contact flush with copious amount of water

Skin

In case of broken skin, wear gloves. Wash dust with soap & water.

7. Special Precautions Spill/Leak Procedures

| | |
|-----------------|--|
| Spill | Sweep up excess material |
| Disposal | In accordance with Federal, State & local refuse regulations |

8. Special Protection Control Measures

| | |
|----------------------------------|--------------------------------------|
| Respiratory Protection | Use NIOSH approved respiratory masks |
| Eye Protection | Use goggles or eye glasses |
| Hand Protection | If sensitive, wear gloves |
| Other Protective Clothing | None |
| Ventilation | Normal & ventilation |
| Work/Hygiene | Practices standard hygiene |

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