



SAFETY DATA SHEET

Resorb Granular Cellulose Absorbent

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Resorb Granular Cellulose Absorbent

SDS Number: 1101001

Manufacturer:	Oil-Dri Corporation of America 410 North Michigan Avenue Chicago, IL 60611 +1-312-321-1515
Canadian Office:	Oil-Dri Canada 730 Rue Salaberry Laval, QC H7S 1H3 Canada +1-450-663-5750
TRANSPORTATION EMERGENCY INFORMATION:	US and Canada - CHEMTREC® +1-800-424-9300 International - OD Customer Service +1-800-233-9802

Product Use: Absorbent

Restrictions On Use: This product is a cellulose based material which will burn under fire conditions. Spontaneous combustion can occur when this product is used to absorb high concentrations of chemicals having a high heat of absorption such as olefins, hydrochloric acid, etc.

2. HAZARDS IDENTIFICATION

GHS Classification:

Health: Carcinogen Category 2

Environmental: Not Hazardous

Physical: Not Hazardous

GHS Labeling:

Pictogram:



Health Hazard

Health Hazard

Prevention:

P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe dust.

P264 - Wash thoroughly after handling

P280 - Wear protective gloves and clothing.

P270 - Do not eat, drink or smoke when using this product.

Response: P308 + P313 IF exposed or concerned: Get medical advice/attention.

Storage: Store in a dry area.

Disposal: P501 Dispose of contents/container in accordance with all local and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No. / EINECS-No	%
Cellulose (Paper Fibers)	9004-34-6	40-60%
Kaolin	1332-58-7	20-40%
Calcium Carbonate	471-34-1	10-25%
Titanium Dioxide	13463-67-7	<1%

4. FIRST AID MEASURES

Inhalation: This is an unlikely route of exposure to this material. If irritation occurs, have the person move to fresh air.

Skin contact: No first aid should be needed.

Eye contact: Immediately flush eyes with cool running water, lifting upper and lower lids. If irritation persists or for foreign body in the eye, get medical attention.

Ingestion: If used material is ingested, get medical attention due to possibility of chemical contamination. If large amount of unused material is swallowed, get immediate medical attention.

Most Important symptoms and effects, both acute and delayed: Eye contact may cause mechanical irritation and possible eye injury.

Indication of any immediate medical attention and special treatment needed: No immediate medical attention is required.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media: For unused material - use water spray, carbon dioxide, universal foam, or dry chemical. For used material - treat according to absorbed material, except where contraindicated above.

Specific Hazards Arising from the Chemical: Oxides of carbon, soot, and smoke.

Special Protective Equipment and Precautions for Fire-fighters: Firefighters should always wear self-contained breathing apparatus and full protective clothing for fires involving chemicals or in confined spaces.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: No special equipment is generally required for spill clean-up. For dusty conditions, an approved respirator may be needed. Refer to Section 8 for additional information.

Environmental Hazards: Report releases as required by local and federal regulations.

Methods and Materials for Containment and Cleaning Up: Sweep up and collect unused material for re-use or disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling: None for unused product.

Conditions for Safe Storage, including any Incompatibilities: Store in a dry area. Keep away from turpentine, hydrofluoric acid, vegetable oil, and other unsaturated organic compounds (such as fish oil), as this may generate heat and/or fire. Keep product away from excessive heat, sparks, flames and all sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s)

Chemical Name	Exposure limit(s)
Cellulose (Paper Fibers)	15 mg/m ³ (total dust) TWA OSHA PEL 5 mg/m ³ (respirable dust) TWA OSHA PEL
Kaolin	15 mg/m ³ (total dust) TWA OSHA PEL 2 mg/m ³ (inhalable dust) TWA ACGIH TLV
Calcium Carbonate	15 mg/m ³ TWA OSHA PEL 10 mg/m ³ TWA ACGIH TLV(total dust)
Titanium Dioxide	15 mg/m ³ TWA OSHA PEL 10 mg/m ³ TWA ACGIH TLV(total dust)

Appropriate Engineering Controls: General ventilation is adequate for normal use. If handling produces airborne dust, local exhaust ventilation may be needed.

Personal Protective Equipment:

Eye Protection: Safety goggles if needed to prevent eye contact.

Skin Protection: No special skin protection needed for normal use.

Respiratory Protection: No respiratory protection required for normal use. For operations where the dust concentration may be excessive, a dust respirator may be used. Follow OSHA regulations in the selection and use of respiratory protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance:	Gray granules, musty odor
Odor Threshold:	Not applicable.
Boiling point/range	Not applicable.
Melting point/range	Not applicable.
Bulk density	32-36 lbs. / cu. ft.
Vapor pressure	Not applicable.
Vapor density (air=1)	Not applicable.
Solubility	Insoluble
pH	Not applicable.
Partition coefficient (n-octanol/water):	Not available
Evaporation Rate (Butyl acetate=1)	Not applicable.
Viscosity:	Not applicable.
Volatile Organic Carbon Compounds (VOC) (g/L)	Not available
Flashpoint:	Not applicable.
Flammable Limits in Air % by Volume:	LEL (Lower): Not applicable. UEL (Upper): Not applicable.
Autoignition temperature:	232°C (450°F)
Decomposition temperature:	Not available
Flammability (solid, gas):	Combustible

10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive.

Chemical Stability: Stable

Possibility of Hazardous Reactions: No dangerous reactions known under conditions of normal use.

Conditions to Avoid: Keep product away from heat and flames.

Incompatible Materials: Strong acids, bases and oxidizing agents. Ammonium salts. Turpentine, hydrofluoric acid, vegetable oil, fish oil, unsaturated organic compounds. Avoid contact

with high concentrations of chemicals having a high heat of absorption such as olefins, hydrochloric acid, etc.

Hazardous Decomposition Products: Oxides of carbon, soot, and smoke.

11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Acute Hazards:

Inhalation: Inhalation of dust may cause irritation to the eyes, nose, throat and respiratory tract.

Skin contact: No known skin contact effects.

Eye contact: Contact may cause mechanical, abrasive irritation with possible injury.

Ingestion: No known ingestion hazard.

Chronic Effects: No chronic effects known.

Carcinogenicity Listing: The International Agency for Research on Cancer (IARC), in Monograph 100C has concluded that inhaled titanium dioxide as possibly carcinogenic to humans (Group 2). Applications and exposure data indicate that exposure to respirable titanium dioxide in this product with normal use is well below the OSHA Permissible Exposure Limit (PEL) and ACGIH Threshold Limit Value (TLV). The manufacturer is not aware of any scientific or medical data available indicating that exposure to respirable crystalline silica from this product under conditions of normal use will cause silicosis or cancer. Adverse effects would not be expected from normal use of this product.

Acute Toxicity Values: Cellulose: Oral rat LD50 >5000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available for the product. No adverse effects on the environment are expected.

Persistence and Degradability: Cellulose is degradable. Kaolin, Calcium Carbonate, and Titanium Dioxide are non-degradable.

Bioaccumulative Potential: Not bioaccumulative.

Mobility in Soil: No data available for the product.

Other Adverse Effects: No other adverse effects are known.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal environmental Regulations. Unused material is suitable for disposal in sanitary landfill. Used material may be subject to regulation, depending on the nature of the material absorbed. Check with appropriate regulatory authority for used material containing hazardous waste.

14. TRANSPORT INFORMATION

US DOT Shipping Description: Not regulated

IATA Shipping Description (Air): Not regulated

Proper Shipping Name: Not regulated

UN Number: Not applicable.

Packing Group: Not applicable.

Labels Required: No labels are required.

15. REGULATORY INFORMATION

US Regulations

SARA 311/312 Hazard Categories: Chronic Health

SARA 313 This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under the SARA Section 313 (40 CFR 372): No SARA 313 chemicals.

SARA 302 Listed Chemicals: No SARA 302 chemicals.

CERCLA: This product is not subject to CERCLA release reporting. Many states have more stringent reporting requirements. Report releases as required by local and state regulations.

California Proposition 65: This product contains the following chemicals known to the state of California to cause cancer: titanium dioxide <1% (13463-67-7); crystalline silica <0.1%.

EPA Toxic Substances Control Act (TSCA): All of the components of this product are listed on the TSCA Inventory or exempted from TSCA.

International Regulations:

EU REACH: Contact Oil Dri for information on REACH status.

Japan MITI: No Japan MITI data available.

AICS: No AICS data available.

16. OTHER INFORMATION

Date Prepared: 10 September 2018

Revision Summary: May 29, 2015 - Conversion to Hazcom 2012 classification and labeling and format.

May 1, 2017 - Section 1

August 2, 2018 - Section 1 Emergency Contact Information

HMIS Rating: Health 1* Fire 1 Reactivity 0

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

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