

Material Safety Data Sheet

J. RETTENMAIER USA LP
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Schoolcraft, Michigan 49087
269-679-2340

PRODUCT: ROAD-CEL®
DATE: May 12, 2009
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The following information includes safety data required by OSHA. The recipient of this safety data is responsible for passing on the safety information so that it reaches the ultimate user who may come in contact with the material.

TRADE NAMES: ROAD-CEL®

CHEMICAL NAME: Cellulose (wood) fibers, plus naturally occurring clay (kaolin)

CHEMICAL NOTATION OR STRUCTURE:

Cellulose (C₆H₁₀O₅)_n: 81.75% +/- 4.50%
Others: 18.25% +/- 4.50%
Kaolin H₂Al₂Si₂O₈H₂O:
Total: 100%

CAS REGISTRY #: Not applicable (mixture of natural materials)
(Cellulose: 9004-34-6 Kaolin: 1332-58-7)

HEALTH INFORMATION

PRECAUTIONS IN USE: Avoid prolonged breathing of dust
May cause transient decreased pulmonary function
Chronic emphysema or respiratory disorders could be aggravated

FIRST AID: Remove from exposure
Eyes: Rinse with water
Skin: Blow or wash off
Ingestion: Material will pass through the body normally
Inhalation: Remove to fresh air

TOXICOLOGY

This product and its components are not listed on the IARC, NTP, or OSHA carcinogens lists. There are no known cases of carcinogenesis from cellulose materials used in a manner such that airborne concentrations are no greater than 10 mg/m³ (milligrams per cubic meter) or 30 mppcf (million particles per cubic foot) no long term health effects will occur.

ENVIRONMENTAL DATA

J. Rettenmaier USA LP products are not known to have any adverse effect on the aquatic environment when properly disposed.

TYPICAL CHEMICAL AND PHYSICAL INFORMATION

STABILITY: Stable
PH in 5% SLURRY: 7.0±1.0
REACTIVITY: None

HMIS Ratings: Health: 0
Flammability: 1
Physical Hazard: 0
Personal Protection: E

FIRE AND EXPLOSION DATA:

Will char and smolder similar to compressed paper. Airborne concentrations exceeding 160 grams/cubic meter may have combustion potential if subjected to an ignition source. Dust Class: St-1, K_{st} (bar x m/s): 104, refer to NFPA Standards 68,69, and 650

REGULATORY STATUS

OSHA: PEL –15 mg/m³ total dust
5 mg/m³ respirable dust

ACGIH: TLV-nuisance dust limit
10 mg/m³ total
5 mg/m³ respirable

NIOSH: Not applicable
EPA: Not considered a hazardous material
DOT: Not considered a hazardous material

USDA: Not applicable
FDA: Not applicable
TSCA: Not applicable

HANDLING INFORMATION

TRANSPORTATION CLASS: 70

STORAGE AND TRANSPORTATION: Do not store above 180 F, due to plastic packaging

DISPOSAL: Landfill in accordance with Local, State, and Federal regulations. Cover to avoid blowing of dust.

SPILLAGE AND CLEANUP: Vacuum or sweep up, or flush to sewer treated for suspended solids removal.

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