

TekPak Omni-Degradable Additive Material Safety Data Sheet

(1) PRODUCT AND COMPANY IDENTIFICATION

Validation Date: 10 July 2007

Print Date: 1 July 2008

Product name: TekPak Omni-Degradable Additive 6.0701

Supplier: TekPak Solutions
1177 King Road
Burlington, Ontario, Canada
L7R 3X5

(2) COMPOSITION/INFORMATION ON INGREDIENTS

Ethylene-Vinyl Acetate Copolymer with additive ingredients of Organoleptic-Organic chemical names/cultured colloids, natural fiber.

CAS No. for Carrier Resin: 24937-78-B

Harmonized System-Based Schedule B Code for TekPak Omni-Degradable Additive is 3901.30.6000

This product is not formulated to contain ingredients that have exposure limits established by US agencies. It is not hazardous to health as defined by the European Union Dangerous Substances/Preparation directives. See Section 14 for a regulatory analysis of the ingredients.

(3) HAZARDS IDENTIFICATION

PHYSICAL STATE AND APPEARANCE: Solid

EMERGENCY OVERVIEW: Irritating vapors to respiratory system and eyes may form when product is processed at high temperatures. Molten or heated material in skin contact can cause severe burns.

ROUTES OF ENTRY: For Hot Material: Skin contact. Eye contact. Inhalation.

POTENTIAL HEALTH EFFECTS:

Eyes: This product is not known to cause eye irritation. However, as with any chemical, some sensitive individuals may experience eye irritation upon contact. Heated Product: Eye contact can cause

serious thermal burns. Vapors formed when polymer is heated may be irritating to the eye.

- Skin:** No known acute effect of this product resulting from skin contact. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum. Heated product: skin contact can cause serious thermal burns.
- Inhalation:** Negligible at room temperature. Nuisance dusts can be irritating to the upper respiratory tract. Irritating vapors may form when the product is processed at high temperatures.
- Ingestion:** No effects are expected for ingestion of small amounts.

POTENTIAL CHRONIC HEALTH EFFECTS: Product form makes chronic effects unlikely.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE: None known

OVEREXPOSURE/SIGNS/SYMPTOMS: No information available

(4) First Aid Measures

- EYE CONTACT:** Rinse with water for a few minutes. Seek medical attention if necessary.
- SKIN CONTACT:** No known effect on skin contact. Rinse with water for a few minutes.
HEATED PRODUCT: For serious burns from heated product, get medical attention.
- INHALATION:** Allow the victim to rest in a well-ventilated area
- INGESTION:** No First Aid procedures are needed.
- NOTES TO PHYSICIAN:** Not available.

(5) FIRE FIGHTING MEASURES

- FLAMMABILITY OF THE PRODUCT:** May be combustible at high temperatures.
- AUTO-IGNITION TEMPERATURE:** Not available
- FLASH POINTS:** Not available
- FLAMMABLE LIMITS:** Not available
- PRODUCTS OF COMBUSTION:** Carbon oxides (CO and CO₂) and soot
- EXTINGUISHING MEDIA:** Carbon dioxide foam, dry chemical and water fog. Cool water spray may be used to flush spills away from exposure. Prevent run off from fire-control or dilution from entering streams, sewers, or drinking water supply.
- SPECIAL PROTECTIVE EQUIPMENT:** For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

- SMALL SPILL AND LEAK:** Pellets on the floor could present a serious slipping problem. Good housekeeping must be maintained at all times to avoid this hazard. Sweep, shovel, or vacuum material into clean containers.
- LARGE SPILL AND LEAK:** Our database contains no additional information in case of a spill and/or leak of the product. Use a shovel to put the material into a convenient waste disposal container.

(7) HANDLING AND STORAGE

- HANDLING:** Handling of plastic may form nuisance dust. Protect personnel.
- STORAGE:** Keep container dry. Keep in a cool place. Ground all equipment containing material. Combustible materials should be stored away from extreme heat from strong oxidizing agents.

(8) PHYSICAL AND CHEMICAL PROPERTIES

Typical properties are given below. Consult product data sheet for specific use and details

- APPEARANCE AND ODOR:** Opaque white to off-white pellets; odorless
- BOILING POINT:** N/A
- SPECIFIC GRAVITY:** N/D
- VAPOR PRESSURE:** N/A
- MELTING POINT:** N/A
- AIR DENSITY:** N/A
- EVAPORATION RATE:** N/A
- SOLUBILITY IN WATER:** Negligible

(9) STABILITY AND REACTIVITY

- STABILITY AND REACTIVITY:** The product is stable. Avoid prolonged exposure to temperatures above 300 degrees C (570°F)
- CONDITIONS OF INSTABILITY:** No additional remarks.
- INCOMPATIBILITY WITH VARIOUS SUBSTANCES:** Avoid contact with strong acids & oxidizing agents.



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HAZARDOUS DECOMPOSITION PRODUCTS:

Hazardous decomposition products are carbon monoxide and carbon dioxide

HAZARDOUS POLYMERIZATION:

No.

(10) TOXICOLOGICAL INFORMATION

Toxicity to Animals:

LD50: Not available
 LC50: Not available.

Chronic Effects to Humans:

Carcinogenic Effects: Not classified or listed by IARC, NTP, OSHA, EH, and ACGIH

Other Toxic Effects on Humans:

Slightly hazardous in case of eye contact (irritant), of inhalation (lung irritant). Non-irritant for skin.

Special Remarks on Toxicity to Animals:

Not Available

Special Remarks on Chronic Effects on Humans:

Not Available

Special Remarks on Other Toxic Effects on Humans:

Not Available

(11) ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS: Biodegradable

ECOTOXICITY TESTING: (RAL GZ 251) VALID non-toxic / Environmentally safe.

Ecological Assessment of Plastics Using Product as Additive Available upon request. Contact TekPak Solutions 416-505-3839.

(12) DISPOSAL CONSIDERATIONS

WASTE INFORMATION: Transfer to approved disposal area in accordance with federal, state, and local regulations.

WASTE STREAM: Not available

CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.

(13) TRANSPORT INFORMATION

Regulatory Information	UN Number	Proper Shipping Name	Class	Packing Group	Label	Additional Information

(416) 505-3839

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DOT Class.	Not regulated	Not Applicable	Not Applicable	Not Applicable	-	-
TGD Class.	Not regulated	Not Applicable	Not Applicable	Not Applicable	-	-
IMDG Class.	Not regulated	Not Applicable	Not Applicable	Not Applicable	-	-
IATA-DGR Class.	Not regulated	Not Applicable	Not Applicable	Not Applicable	-	-

(14) REGULATORY INFORMATION

HCS Classification: No components controlled under the HCS (United States).

U.S. Federal Regulations:

TSCA 9(b) inventory: Components listed
 SARA 302/304/311/312 extremely hazardous substances: No components listed
 SARA 302.304 emergency planning and notification: No components listed
 SARA 302/304/311/312 hazardous substances: No components listed
 SARA 311/312 MSDS distribution – chemical inventory – hazard identification: No components listed
 CARA 313 toxic chemical notification and release reporting: No components listed
 Clean Water Act (CWA) 307: No components listed
 Clean Water Act (CWA) 311: No components listed
 Clean Water Act (CWA) 112 accidental release prevention: No components listed
 Clean Water Act (CWA) 112 regulated flammable substances: No components listed
 Clean Water Act (CWA) 112 regulated toxic substances: No components listed

State Regulations: No components were found

California Prop. 65: No components listed
 CONEG: No components listed

International Lists: No components were found

WHIMS (Canada): No components controlled under WHMIS
 Canadian EPA DSL: Components listed
 EINECS: Not available
 DSCL (EED): No components controlled under DSCL (Europe)
 Japanese ENCS: Components listed
 Australian AICS: Components listed
 Switzerland Giftliste 1: No components listed
 Korean ECL: Components listed
 Philippines POCCS: Components listed
 China IECSC: Components listed
 New Zealand NZIoC: Components listed

(15) OTHER INFORMATION

Hazardous Material Infor. Sys. (USA) Health 0; Fire Hazard 1; Reactivity 0; Personal Protection B
 National Fire Protection Assn. (USA) Fire Hazard 1; Health 0; Reactivity 0; Specific Hazard 0



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References:
Other Special Considerations
Date of issue:

Not available
Not available
8/5/2005

Notice to Reader

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