

Safety Data Sheet

Product name	Kannar SeedKOTE™ V001
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Revision Number	6.02

1. Product and company identification

Trade Name Kannar SeedKOTE™ V001

Kannar Earth Science, Ltd.

2390 Satellite Blvd, Ste R

Buford, GA 30518

United States

Phone: 678 475 1155

Internet: www.kannargroup.com

Transportation emergency phone numbers:

For Chemical Emergency: Spill Leak Fire Exposure or Accident Call CHEMTREC Day or Night

DOMESTIC NORTH AMERICA: 800-424-9300

INTERNATIONAL, CALL +1 703-527-3887 (collect calls accepted)

2. Hazard Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200:

GHS Classification

Hazards

Carcinogenicity

Category

Category 2



Signal Word

Warning

Hazard Statements

Suspected of causing cancer

Precautionary statements

Obtain special instructions before use.

IF exposed or concerned: Get medical advice/attention.

Do not handle until all safety precautions have been read and understood. Wear protective gloves/ protective clothing/ eye protection/ face protection. Store locked up.

Dispose of contents/container to .

in accordance with local/regional/national/international regulations (to be specified).

3. Composition/information on ingredients

Chemical characterization

Water-borne polymer emulsion.

Components	CAS-No	Percent %
Polyvinyl Acetate Homopolymer		63 - 65
Water	7732-18-5	35 - 37
Vinyl acetate	108-05-4	<0.95

4. First aid measures

General Information

Wash contaminated clothing before re-use.

Skin

Wash off with soap and water. If symptoms persist, call a physician.

Eyes

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Inhalation

Move to fresh air. If symptoms persist, call a physician.

Ingestion

If swallowed, seek medical advice immediately and show this container or label. If conscious, drink plenty of water. Do NOT induce vomiting..

5. Fire-fighting measures

Suitable extinguishing media

Foam, Dry powder, Carbon dioxide (CO₂), Water spray

Extinguishing media which must not be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire.

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases

Under conditions giving incomplete combustion, hazardous gases produced may consist of Carbon monoxide

Carbon dioxide (CO₂)

Combustion gases of organic materials must in principle be graded as inhalation poisons

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Environmental precautions

Dike and collect water used to fight fire

Other Information

This is a water-based product and presents no particular fire or explosion hazard

6. Accidental release measures

Personal precautions

Contaminated surfaces will be extremely slippery. Avoid contact with the skin and the eyes.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Contaminated equipment (brushes, rags) must be cleaned immediately with water. Dispose of in accordance with local regulations.

7. Handling and storage

Advice on safe handling

Open containers in ventilated area. Product may contain hazardous volatile ingredients which could accumulate in the unvented headspace of drums or containers. During longer storage small amounts of carbon monoxide may form. To the best of our knowledge, no OEL (occupational exposure limit) is exceeded during the intended use. Containers/tanks may only be entered after thoroughly executed ventilation while considering national regulations and international standards for inspection of containers/tanks. In any case of doubt a measurement of the CO concentration is necessary.

Protection - fire and explosion:

No special protective measures against fire required.

Technical measures/Storage conditions

Keep tightly closed in a dry and cool place. No special technical protective measures required.

Material storage

Protect from frost. Keep at temperatures between 5°C and 35°C (40°F and 95°F). Agitate before use. Keep tightly closed in a dry and cool place.

Incompatible products

Materials that react with water

8. Exposure controls / personal protection

OSHA Exposure Limits

Components	STEL
Vinyl acetate	20 PPM

ACGIH Exposure Limits

Components	TWA
Vinyl acetate	10 PPM

Components	STEL
Vinyl acetate	15 PPM

Mexico National Exposure Limits

Components	LMPE – PPT	
Vinyl acetate	30 mg/m ³	10 PPM

Components	STEL	
Vinyl acetate	60 mg/m ³	20 PPM

Components	Mexican Carcinogen Category
Vinyl acetate	A3

Exposure controls

Engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Protective equipment

A safety shower and eyebath should be readily available.

General advice

Avoid contact with skin and eyes.

Respiratory protection

Based on workplace contaminant level and working limits of the respirator, use a respirator approved by NIOSH. The following is the minimum recommended equipment for an occupational exposure level. To estimate an occupational exposure level see Section 8 and Section 11.

For concentrations > 1 and < 10 times the occupational exposure level: Use air-purifying respirator with full facepiece and organic vapor cartridge(s) or air-purifying full facepiece respirator with an organic vapor canister or a full facepiece powered air-purifying respirator fitted with organic vapor cartridge(s). The air purifying element must have an end of service life indicator, or a documented change out schedule must be established. Otherwise, use supplied air.

Skin protection:

Wear impervious clothing and gloves when there is a reasonable chance for skin contact.

Eye/face protection:

safety glasses with side-shields.

9. Physical and chemical properties

Appearance

Form liquid

Color milky white

Odor sweet

Freezing point 32° F°C (212°F)

pH 4.5

Viscosity 800 cPs

Vapor density 0.62 (Air=1 @ 20 °C)

Specific Gravity 1.1-1.2

10. Stability and reactivity

Chemical stability

Stable under recommended storage conditions

Conditions to avoid

Do not freeze

Incompatible Materials

Materials that react with water

Possibility of hazardous reactions

No hazards to be especially mentioned

11. Toxicological information

Potential health effects

Routes of exposure Skin, Eyes

Immediate effects

Skin Prolonged or repeated exposure may cause: skin irritation

Eyes Particulates may cause mechanical irritation.

Ingestion May cause gastrointestinal irritation.

Other: Vinyl Acetate is listed as an IARC 2B, possible human carcinogen based on animal data.

Toxicological data are not available. Observe the usual hygienic measures for handling chemicals.

12. Ecological Information

Ecotoxicological data are not available. According to experience, the material has no harmful effect on the environment.

13. Disposal considerations

Disposal considerations

Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste.

14. Transport information

US Department of Transportation	Not regulated
TDG	Not regulated
Mexico Transport Information	Not regulated
ICAO/IATA	Not restricted
IMDG	Not regulated

15. Regulatory Information

US State Regulations

Chemicals associated with the product which are subject to the state right-to-know regulations are listed along with the applicable state(s):

Vinyl acetate 108-05-4

Pennsylvania	Listed
New York	Listed
New Jersey	Listed
Illinois	Listed
Louisiana	Listed
Massachusetts	Listed
Rhode Island	Listed

U.S. FEDERAL REGULATIONS

Environmental Regulations:

SARA 313 Chemicals

Vinyl acetate (108-05-4) <0.95 %

Vinyl acetate 108-05-4

EPCRA Section 313	Listed
CERCLA Hazardous Substance	Listed
Extremely Hazardous Substance	Listed

SARA 311:

INTERNATIONAL REGULATIONS

CANADIAN REGULATIONS

WHMIS Classification: Classification D2A is due to the presence of residual vinyl acetate, which may be released during storage or thermal processing.

WHMIS Ingredient Disclosure List IDL:

This product does not contain substances required to be disclosed according to the Canada WHMIS Ingredient Disclosure List.

16. Other information

HMIS: Health: 1 Flammability: 0 Physical Hazard: 0

Prepared By

Product Stewardship Department

For more information, consult the Technical Data Sheet

Sources of key data used to compile the datasheet

Information contained in this safety data sheet is based on Kannar owned data and public sources deemed valid or acceptable.. The absence of data elements required by ANSI or 1907/2006/EC indicates that no data meeting these requirements is available..

Changes against the previous version are marked by ***

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