SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Identification of the product

Identification of the mixture: ENCOR® 4009

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Dispersion for adhesive formulations

1.3. Details of the supplier of the safety data sheet

Paverpol Australia
PO Box 170
Medowie NSW 2318
13 0076 9409
admin@paverpolaustralia.com

http://www.paverpol.com
E-mail address info@paverpol.com

1.4. Emergency telephone number

13 11 26
Poisons Information Centre

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008):
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Classification according to EU Directives 1999/45/EC :

This mixture is not classified as dangerous according to Directive 1999/45/EC.

2.2. Label elements

Label elements (REGULATION (EC) No 1272/2008):

Special labelling:

EUH210 Safety data sheet available on request.

2.3. Other hazards

Potential health effects:
Skin contact: Direct contact with product : May cause skin irritation.
Eye contact: Direct contact with product : May cause eye irritation. Ingestion: Ingestion may cause irritation to mucous membranes.

Environmental Effects:
Not readily biodegradable.

Physical and chemical hazards:
Thermal decomposition giving toxic products.
Decomposition products: See chapter 10

Other:
Results of PBT and vPvB assessment : This information is not required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Chemical nature of the mixture[1]:
Aqueous dispersion of vinylacetate homopolymer.

1: See chapter 14 for Proper Shipping Name 2
:See the text of the regulation for applicable exceptions or provisions : The transition time according to REACH Regulation, Article 23, is still not expired.

4. FIRST AID MEASURES

4.1. & 4.2. Description of necessary first-aid measures & Most important symptoms/effects, acute and delayed:

General advice:
Take off immediately all contaminated clothing. including shoes.

Inhalation:
Move patient from contaminated area to fresh air. In case of persistent problems : Consult a physician.

Skin contact:
Wash immediately, abundantly and thoroughly with soap and water. If skin irritation occurs, seek medical advice/attention.

Eye contact:
Wash open eyes immediately, abundantly and thoroughly for at least 15 minutes. Seek advice of an ophthalmologist if necessary.

Ingestion:
Do NOT induce vomiting. Consult a physician.

Protection of first-aiders:
Protective suit. In case of insufficient ventilation, wear suitable respiratory equipment.

4. 3.Indication of immediate medical attention and special treatment needed, if necessary : No data available.

5. FIREFIGHTING MEASURES

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www.paverpol.com

5. 1.Extinguishing media

Suitable extinguishing media: Water spray, Water mist, powder, foam, Carbon dioxide (CO2)

Unsuitable extinguishing media: High volume water jet

5.2. Special hazards arising from the substance or mixture:
In case of fire and/or explosion do not breathe fumes.
Thermal decomposition giving flammable and toxic products:, Acrylates, Methacrylates Formation of toxic products through combustion:, Carbon oxides

5.3. Advice for firefighters:

Specific methods:
Use water spray to cool unopened containers. Do not allow run-off from fire fighting to enter drains or water courses.

Special protective actions for fire-fighters:
In the event of fire, wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:
Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep away from heat and sources of ignition. Do not smoke. Avoid contact with the skin and the eyes. Avoid inhalation of vapours.

6.2. Environmental precautions:
Do not let product enter drains. Do not flush into surface water. Do not release into the environment. Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and materials for containment and cleaning up:

Methods for cleaning up:

After cleaning, flush away traces with water. Recover waste water for processing later.

Recovery:
Shovel into suitable container for disposal. Never return spills in original containers for re-use. Absorb the remainder with an inert absorbent material (sand, vermiculite, perlite).

Elimination: See chapter 13

6.4. Reference to other sections: None.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling:

Technical measures/Precautions:
Storage and handling precautions applicable to products: Liquid. Provide appropriate exhaust ventilation at machinery. Provide showers, eye- baths. Provide electrical earthing of equipment.

Safe handling advice:
Remove all sources of ignition. In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene measures:
Take off immediately all contaminated clothing. Avoid contact with the skin and the eyes. Avoid inhalation of vapours. When using do not eat, drink or smoke.
Wash hands after handling. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities:
Keep in a dry, cool and well-ventilated place. Store in original container. Keep container tightly closed. Keep away from heat and sources of ignition. Do not smoke. Provide electrical earthing of equipment. Avoid long storage period. Store away from frost.

Incompatible products:
Acids, Strong oxidizing agents

Packaging material:
Recommended: Stainless steel, Polyethylene **To be avoided:** Iron, Aluminium

7.3. Specific end use(s): None.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:

Exposure Limit Values Not relevant

Derived No Effect Level (DNEL):
This information is not required.

Predicted No Effect Concentration: This information is not required.

8.2. Exposure controls:

Appropriate engineering controls: Frequently monitor and control the working atmosphere. Provide appropriate exhaust ventilation at machinery.

Personal protective equipment:

Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment In the case of hazardous fumes, wear self contained breathing apparatus.
Hand protection:	Gloves (PVC, neoprene, nitrile rubber)
Eye/face protection:	Safety glasses
Skin and body protection:	Protective suit

Environmental exposure controls: See chapter 6

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:

Physical state (20°C):	liquid
Odour:	No data available.
Olfactory threshold:	No data available. **pH:**

pH 4 - 5

Melting point/range :	0 °C (water)
Boiling point/boiling range :	100 °C (water)
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	
Flammability:	Not applicable
Vapour pressure:	No data available.
Vapour density:	No data available.
Density:	1,08 g/cm3 , at 23 °C
Water solubility:	miscible
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity, dynamic:	2.000 - 3.000 mPa.s , at 23 °C
Explosive properties:	
Explosivity:	Not relevant
Oxidizing properties:	Not relevant

9.2. Other data: None.

10. STABILITY AND REACTIVITY

10.1. & 10.2. Reactivity & Chemical stability:

The product is stable under normal handling and storage conditions.

10.3. Possibility of hazardous reactions:
None under normal conditions of use.

10.4. Conditions to avoid:

Store protected from moisture and heat. Store away from frost.

10.5. Incompatible materials to avoid: Acids, Oxidizing agents

10.6. Hazardous decomposition products:
Thermal decomposition giving flammable and toxic products:, Acrylates, Methacrylates Formation of toxic products through combustion:, Carbon oxides

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Acute toxicity:

Ingestion: **According to its composition, can be considered as : Slightly harmful by ingestion**

Dermal: **According to its composition, can be considered as : Slightly harmful in contact with skin**

Local effects (Corrosion / Irritation / Serious eye damage):

Skin contact: **According to its composition, can be considered as : Slightly or not irritating to skin** Direct contact with product :
May cause skin irritation.
At high temperature, products of thermal decomposition can be irritating to skin

Eye contact: **According to its composition, can be considered as : Slightly or not irritating to eyes** Direct contact with product :
May cause eye irritation.
At high temperature, products of thermal decomposition can be irritating to eyes

Respiratory or skin sensitisation:

Inhalation: No data available.

Skin contact: **Possible cross sensitization with other acrylates and methacrylates**

Traces of :, Residual monomers, Repeated contact may cause allergic reactions in very susceptible persons.

CMR effects : **Polymer: No particular problems for man**

Specific target organ toxicity :
Single exposure :

Inhalation:
At high temperature, products of thermal decomposition can be irritating to respiratory system

Repeated exposure: No data available.

Aspiration hazard: No data available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity :

Microorganisms:
No data available.

12.2. Persistence and degradability :

Biodegradation (In water): **Inert polymer , Not biodegradable on the basis of its structure**

12.3. Bioaccumulative potential :

Bioaccumulation: **No data available.**

12.4. Mobility in soil - Distribution among environmental compartments: No data available.

12.5. Results of PBT and vPvB assessment :

This information is not required.

12.6. Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment:

Disposal of product: The product should not be allowed to enter drains, water courses or the soil. Dispose of contents/ container to an approved waste disposal plant. In accordance with local and national regulations.

Disposal of packaging: Recycle if possible.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Safety data sheets: according to Regulation (EC) No. 1907/2006

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

UK REGULATION Chip3: Chemical (Hazard Information and Packaging for Supply) Regulations 2002

15.2. Chemical Safety Assessment: None.

INVENTORIES:

EINECS: Conforms to
TSCA: Conforms to
AICS: Conforms to
DSL: All components of this product are on the Canadian DSL.
ENCS (JP): Conforms to
KECI (KR): Conforms to PICCS
(PH): Conforms to
IECSC (CN): Conforms to NZIOC:
Conforms to

16. OTHER INFORMATION

Update:

Safety datasheet sections which have been updated:		Type:
1-16	General update of Safety Data Sheet (REACH registration).	Revisions
2	Classification and labelling	Revisions

Thesaurus:

NOAEL : No Observed Adverse Effect Level (NOAEL) LOAEL : Lowest Observed Adverse Effect Level (LOAEL) bw : Body weight food : oral feed dw : Dry weight vPvB : very Persistent and very Bioaccumulative PBT : Persistent, Bioaccumulative and Toxic

This information applies to the PRODUCT AS SUCH and conforming to specifications of PAVERPOL. In case of formulations or mixtures, it is necessary to ascertain that a new danger will not appear. The information contained is based on our knowledge of the product, at the date of publishing and it is given quite sincerely. Users are advised of possible additional hazards when the product is used in applications for which it was not intended. This sheet shall only be used and reproduced for prevention and security purposes. The references to legislative, regulatory and codes of practice documents cannot be considered as exhaustive. It is the responsibility of the person receiving the product to refer to the totality of the official documents concerning the use, the possession and the handling of the product. It is also the responsibility of the handlers of the product to pass on to any subsequent persons who will come into contact with the product (usage, storage, cleaning of containers, other processes) the totality of the information contained within this safety data sheet and necessary for safety at work, the protection of health and the protection of environment.

NB: In this document the numerical separator of the thousands is the "." (point), the decimal separator is "," (comma).