Material Safety Data Sheet
According to regulation (EC) No. 1907/2006 (REACH)

67760 Polyvinyl Alcohol (PVA) thin

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Polyvinyl Alcohol (PVA) thin
Article No.: 67760

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses: Industrial application.
Additive, adhesive, binder, coatings, protective colloid, dispersion aids, raw material

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Mon-Droguiste.Com
Address: 39 Bis Rue Du Moulin Rouge - 10150 CHARMONT
Tel./Fax.: Tel +33 (0)3 25 41 04 05, Fax +33 (0)3 25 41 06 16
Internet: www.mon-droguiste.com
EMail: contact@mon-droguiste.com

1.4. Emergency No.

Emergency No.: ORFILA : 01 45 42 59 59 - SAMU : 15 - Pompiers : 18 - Médecins de garde : 15

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to EC Regulation 1272/2008
This product is not classified as hazardous according to the CLP/GHS Directive.

Classification according to EC Regulation No. 67/548 or No. 1999/45
The material is not subject to classification according to EC lists.

Safety Phrases:

Possible Environmental Effects:

2.2. Label Elements

Classification according to EC Regulation 1272/2008
This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation: Not applicable.

Signal word:

Hazard designation:

Safety designation: Use personal protective equipment as required.
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P281
P402+P404 Store in a closed container in a dry place.

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization:
Polyvinyl alcohol, partially saponified (CAS No. 25213-24-5)

Hazardous Ingredients:
|
| CAS-Nr: 25213-24-5 |
| EINECS-Nr: |
| EC-Nr: |

Polyvinyl alcohol, partially saponified > 93%

Methanol (T,F; R11-39/24/25; H225-301-311-331-370); REACH Reg.-No. 05-211943307-44-xxxx < 3%

CAS-Nr: 67-56-1
EINECS-Nr: 200-659-6
EC-Nr: 603-001-00-X

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:
Seek medical attention in case of complaints.

After inhalation:
Supply fresh air. Consult physician if symptoms persist.

After skin contact:
Wash off with plenty of water and soap. Consult a physician if irritation persists.

After eye contact:
Rinse eyes with water.
Seek medical attention if irritation persists.

After ingestion:
Rinse mouth with plenty of water and give plenty of milk or water to drink.
If symptoms persist consult physician.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:
Irritates eyes and skin.
Cough.

Effects:

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:
Symptomatic treatment (decontamination, vital functions), no
5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Product itself does not burn.
Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

Never apply a strong water jet.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

In case of fire: hazardous gases/vapors may be released.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device and full protective gear.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid contact with skin, eyes and clothing. Do not ingest or inhale.
Wear protective clothing.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soils, drains and surface water.
Contact local authorities if product pollutes soil or vegetation.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Sweep up, then place into a suitable container for disposal. Avoid generating dust.
Collect powder using a special dust vacuum cleaner with particle filter and dispose in a adequate resealable container.
Do not use compressed air.

6.4. Reference to other Sections

Protective clothing, see Section 8.
Dispose of contaminated material according to Section 13.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid contact with eyes and skin.
Do not swallow or inhale.
Avoid formation of dust.
Wear adequate protective clothing (see para. 8).
Hygienic measures:

Wash hands at the end of work. Preventive skin protection recommended.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry and cool room.

Requirements for storage areas and containers:

Information on fire and explosion protection:

Take measures to prevent static electricity discharge.
Risk of dust explosion.

Storage class (VCI):

Further Information:

7.3. Specific End Use(s)

Further information:

See Section 1.2.; no other uses provided

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

Methanol: 200 ppm; 270 mg/m³; 4(II); skin
TLV: 3 mg/m³ general dust limit inhalable fraction.
TLV: 10 mg/m³ (8h) inhalable dust (average value)
Category II: substances with a resorptive effect.
BAT (Methanol): 30 mg/g (urine)

Parameters to be controlled (EC):

Methanol: 200 ppm; 270 mg/m³

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation.
Provide adequate ventilation.

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection:

Wear protective mask, particle filter P2 (for solid and liquid particles DIN 3181) if dust occurs.
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Hand protection:
Chemical protective gloves (EN 374 (Europe), F739 (US)).

Protective glove material:

Eye protection:
Tightly fitting safety goggles (EN 166).

Body protection:
Protective clothing.

Environmental precautions:

9. Physical and Chemical Properties
9.1. Information on Basic Physical and Chemical Properties

Form: granules
Color: whitish, transparent
Odor: odorless
Odor threshold: No information available.

pH-Value: 4.5 - 7
Melting temperature: not known

Boiling temperature: not applicable
Flash point: 93°C (200°F)
Evaporation rate: not applicable

Flammability (solid, gas): not available
Upper explosion limit: not determined
Lower explosion limit: not determined
Vapor pressure: not applicable
Vapor density: No information available.

Density: not available

Solubility in water: soluble
Coefficient of variation (n-Octanol/Water): no information available
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Auto-ignition temperature:  not applicable
Decomposition temperature:  not determined
Viscosity, dynamic:  not determined
Explosive properties:  not applicable
Oxidizing properties:  none
Bulk density:  400 - 600 kg/m³

9.2. Further Information
Solubility in solvents:
Viscosity, kinematic
Burning class:
Solvent content:
Solid content:
Particle size:
Other information:  No further information.

10. Stability and Reactivity
10.1. Reactivity
Stable if used according to specifications.

10.2. Chemical Stability
Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions
Hazardous polymerisation will not occur.

10.4. Conditions to Avoid
Conditions to avoid:
Avoid dusting near sources of ignition.

10.5. Incompatible Materials
Strong acids and strong oxidizing agents.

10.6. Hazardous Decomposition Products
Carbon oxides

10.7. Further Information

11. Toxicological Information
11.1. Information on Toxicological Effects
Acute Toxicity
LD50, oral: Methanol: 1187-2769 mg/kg (rat)
LD50, dermal: Methanol: 17100 mg/kg (rabbit)
LC50, inhalation: Methanol: 128200 (4h, rat)

Primary effects
Irritant effect on skin: Irritant effect possible.
Irritant effect on eyes: Dust may irritate eyes.
Inhalation: No information available.
Ingestion: No information available
Sensitization: No sensitizing effects known.
Mutagenicity: No mutagenic effects known.
Reproductive toxicity: No data available.
Cancerogenicity: No data available.
Teratogenicity: No information available.
Specific target organ toxicity (STOT): Repeated exposure: no information available.
Single exposure: no information available.

Additional toxicological information: Frequent long-term inhalation of dust increases the risk of asthma, pulmonary diseases and skin irritation.
Aspiration hazard: not applicable

12. Ecological Information
12.1. Aquatic Toxicity
Fish toxicity: LC50: 15400 mg/l (96h)
Daphnia toxicity: EC50: > 10000 mg/l (96h, Daphnia magna)
Bacteria toxicity: no information available
Algae toxicity:
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12. 2. Persistence and Degradability

EC50: 22000 mg/l (96h)

No information available.

12. 3. Bioaccumulation

No information available.

12. 4. Mobility

No information available.

12. 5. Results of PBT- und vPvP Assessment

This substance is not classified as PBT (persistent, bioaccumulative, toxic), nor as vPvB (very persistent, very bioaccumulative).

12. 6. Other Adverse Effects

Water hazard class:

1, slightly hazardous.

Behaviour in sewage systems:

Further ecological effects:

No ecological problems expected.

13. Disposal Considerations

13. 1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

070213 - Waste plastic

Uncleaned packaging:

Packaging may be disposed of in the same manner as the product.

14. Transport Information

14. 1. UN Number

ADR, IMDG, IATA

14. 2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR (land transportation).

IMDG/IATA:

No hazardous goods according to IMDG.

14. 3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:
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14.4 Packaging Group
ADR/RID: not applicable
IMDG: not applicable
IATA:

14.5 Environmental Hazards
None

14.6 Special Precautions for User
Not classified as a dangerous good under transport regulations.

14.7 Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code
not applicable

15. Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture
Water hazard class: 1, slightly hazardous for water

Local regulations on chemical accidents:
Employment restrictions:
Restriction and prohibition of application:
Technical instructions on air quality:

15.2 Chemical Safety Assessment
A Chemical Safety Assessment has not been carried out for this product.

15.3 Further Information
Regulation (EC) 1005/2009 - Substances that Deplete the Ozone Layer: not regulated / not applicable

16. Other Information
This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.