



SAFETY DATA SHEET

60%Vinyl Acetate,40%Methanol

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name 60%Vinyl Acetate,40%Methanol
Product number TA003, TW250OH
Internal identification RAC OH,AZ Tank

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

Identified uses Industrial Applications

1.3. Details of the supplier of the safety data sheet

Supplier Nippon Gohsei (UK) Limited
Soarnol House
Saltend
Kingston upon Hull
HU12 8DS
U.K
T: +44 (0)1482 333320
F: +44 (0)1482 309332

Contact person info@nippon-gohsei.com

1.4. Emergency telephone number

Emergency telephone +44 (0) 1482 309383

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 2 - H225

Health hazards Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Carc. 2 - H351 STOT SE 1 - H370 STOT SE 3 - H335

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word

Danger

60% Vinyl Acetate, 40% Methanol

Hazard statements	<p>H225 Highly flammable liquid and vapour.</p> <p>H301+H311+H331 Toxic if swallowed, in contact with skin or if inhaled.</p> <p>H351 Suspected of causing cancer.</p> <p>H370 Causes damage to organs .</p> <p>H335 May cause respiratory irritation.</p>
Precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P240 Ground and bond container and receiving equipment.</p> <p>P280 Wear protective clothing, gloves, eye and face protection.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p>
Contains	VINYL ACETATE, METHANOL

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

CAS Number

Composition Comments

3.2. Mixtures

VINYL ACETATE			35 - 45%
CAS number: 108-05-4	EC number: 203-545-4		
Classification Flam. Liq. 2 - H225 Acute Tox. 4 - H332 Carc. 2 - H351 STOT SE 3 - H335			
METHANOL			55 - 65%
CAS number: 67-56-1	EC number: 200-659-6	REACH registration number: 01-2119433307-44-0050	
Classification Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370			

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove affected person from source of contamination. Do not induce vomiting. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocketmask equipped with a one-way valve or other proper respiratory medical device. If breathing stops, provide artificial respiration. Get medical attention immediately.
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Ingestion	Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Keep affected person under observation. Rinse mouth thoroughly with water. Do not induce vomiting.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing and wash skin thoroughly with water. Keep affected person away from heat, sparks and flames. Get medical attention if irritation persists after washing.
Eye contact	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	See ingestion symptoms
Ingestion	May cause nausea, headache, dizziness and intoxication. Visual disturbances, including blurred vision. May cause unconsciousness, blindness and possibly death.
Skin contact	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
Eye contact	May cause serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations. Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Alcohol-resistant foam. Powder. Dry chemicals, sand, dolomite etc. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	In case of fire toxic gases may be formed. Vapours may form explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
Hazardous combustion products	Formaldehyde Carbon dioxide (CO ₂). Carbon monoxide (CO). Oxides of carbon.

5.3. Advice for firefighters

Protective actions during firefighting	Use water to keep fire exposed containers cool and disperse vapours. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	For personal protection, see Section 8.
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6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
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6.3. Methods and material for containment and cleaning up

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Methods for cleaning up Wear suitable Protective clothing specified in section 8. Stop leak if possible without risk. Absorb spillage with non-combustible, absorbent material. Eliminate all sources of ignition. Provide minimum ventilation of 3 -5 air exchanges per hour Avoid the spillage or runoff entering drains, sewers or watercourses. Use spark proof tools and explosion proof equipment

6.4. Reference to other sections

Reference to other sections For waste disposal, see section 13. See Section 11 for additional information on health hazards. Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from heat, sparks and open flame. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Take precautionary measures against static discharge.

Advice on general occupational hygiene Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Earth container and transfer equipment to eliminate sparks from static electricity. Keep away from oxidising materials, heat and flames. May attack some plastics, rubber and coatings.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

VINYL ACETATE

Long-term exposure limit (8-hour TWA): WEL 5 ppm 17,6 mg/m³

Short-term exposure limit (15-minute): WEL 10 ppm 35,2 mg/m³

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m³

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

VINYL ACETATE (CAS: 108-05-4)

DNEL

Industry - Inhalation; Long term local effects: 17.6 mg/m³

Industry - Inhalation; Long term systemic effects: 17.6 mg/m³

Industry - Inhalation; Short term local effects: 35.2 mg/m³

Industry - Inhalation; Short term systemic effects: 35.2 mg/m³

Industry - Dermal; Long term systemic effects: 0.42 mg/kg/day

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PNEC

- Fresh water; 0.016 mg/l
- marine water; 0.0016 mg/l
- Intermittent release; 0.126 mg/l
- Sediment (Freshwater); 0.067 mg/kg
- Sediment (Marinewater); 0.0067 mg/kg
- Soil; 0.0035 mg/kg

METHANOL (CAS: 67-56-1)

Ingredient comments

WEL = Workplace Exposure Limits

DNEL

- Dermal; Long term systemic effects: 40 mg/kg/day
- Inhalation; Long term systemic effects: 260 mg/m³
- Dermal; Short term systemic effects: 40 mg/kg/day
- Inhalation; Short term systemic effects: 260 mg/m³
- Inhalation; Short term local effects: 260 mg/m³
- Inhalation; Long term local effects: 260 mg/m³

PNEC

Soil 23.5 mg/kg
Marine water 15.4 mg/l
Fresh water 154 mg/l
Fresh water sediment 570.4 mg/kg
Onsite sewage treatment plant 100 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Good general ventilation should be adequate to control worker exposure to airborne contaminants. Minimum ventilation of 3 - 5 air exchanges per hour. Use explosion-proof electrical, ventilating and lighting equipment.

Eye/face protection

Chemical splash goggles.

Hand protection

Wear chemical resistant gloves Butyl rubber gloves are recommended.

Other skin and body protection

Wear full overalls to prevent the possibility of liquid contact or prolonged exposure to skin. When used in a Laboratory wear Laboratory coat.

Hygiene measures

Wash after use and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated.

Respiratory protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a full facepiece respirator fitted with the following cartridge: Organic vapour filter.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Colourless.
Odour	Sweet Characteristic. Organic solvents.
Flash point	-5°C

9.2. Other information

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Other information Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Reacts with alkalis and generates heat.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions May Polymerise

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Acids - oxidising. Amines. Acid anhydrides. Alkalis - inorganic. Strong oxidising agents. Peroxides.

10.6. Hazardous decomposition products

Hazardous decomposition products Formaldehyde Carbon dioxide (CO₂). Carbon monoxide (CO).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

Acute toxicity - oral

ATE oral (mg/kg) 250.0

Acute toxicity - dermal

ATE dermal (mg/kg) 750.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 5.32

Toxicological information on ingredients.

VINYL ACETATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 3,500.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 7,440.0

Species Rabbit

Notes (dermal LD₅₀)

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Acute toxicity - inhalation

Acute toxicity inhalation 15,810.0
(LC₅₀ vapours mg/l)

Species Rat

ATE inhalation (vapours 11.0
mg/l)

SECTION 12: Ecological information

Ecotoxicity No information available.

12.1. Toxicity

Toxicity No data available

12.2. Persistence and degradability

Persistence and degradability No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product is miscible with water and may spread in water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment No data available.

12.6. Other adverse effects

Other adverse effects Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1992

14.2. UN proper shipping name

Proper shipping name FLAMMABLE LIQUID, TOXIC, N.O.S. (VINYL ACETATE, METHANOL)
(ADR/RID)

14.3. Transport hazard class(es)

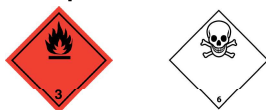
ADR/RID class 3

ADR/RID subsidiary risk 6.1

ADR/RID label 3 & 6.1

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Transport labels



14.4. Packing group

ADR/RID packing group II

IMDG packing group II

ICAO packing group II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 28/07/2020

Revision 13

Supersedes date 23/05/2018

Hazard statements in full

H225 Highly flammable liquid and vapour.
 H301 Toxic if swallowed.
 H311 Toxic in contact with skin.
 H331 Toxic if inhaled.
 H332 Harmful if inhaled.
 H335 May cause respiratory irritation.
 H351 Suspected of causing cancer.
 H370 Causes damage to organs .