

**EC - SAFETY DATA SHEET**

Product identification

**No. 454-1147-1****1. Product identification and manufacturer****1.1 Product information**Commercial product name **Viewful WA****1.2****Manufacturer's name****Suppliers's name**Manufacturer / Supplier  
AddresseeKIMOTO CO., LTD.  
4-6-35 Suzuya Chuo-ku  
Saitama-shi JapanTelephone / Telefax  
InformationsPhone +81-48-853-3381  
Fax +81-48-853-9041**1.3 Emergency phone numbers**Emergency phone no. CH  
Emergency Phone +81-48-853-3381**2. Product description****2.1 Chemical composition**

CAS-No	EC-No.	Identification	Prop.(%)	Code	R-Codes
		<u>Stick film</u>			
25038-59-9		PET	40 - 42		
		Adhesive acrylic resin	6 - 7		
		<u>Releasing film</u>			
25038-59-9		PET	51 - 54		
		Polyester resin	<1		

Further information

PET= Polyethylene terephthalate

**3. Potential dangers****3.1 Human being**

Fear of physical hurt on eye or skin with film edge or corner.

**3.2 Environmental**

No data.

**4. First aid - Measures****4.1 Inhalation**

Move to fresh air and consult a doctor.

**4.2 Skin contact**

Not Applicable. Wash with soap and water.

**4.3 Eye contact**

Immediately flush eye with plenty of water and consult a doctor.

**4.4 Ingestion**

Consult a doctor.

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### 5. Measures in case of fire

- 5.1 Suitable extinguish media :** Water, Dry chemical, CO<sub>2</sub>, Form
- 5.2 Not to be used as extinguishing media :** None.
- 5.3 Unusual fire / explosion hazards or hazardous decomposition products :**  
Thermal decomposition may produce carbon monoxide, carbon dioxide.
- 5.4 Special protective equipment for fire combat**  
None.

### 6. Measures in case of accidental release

- 6.1 Human related safety purposes**  
No special countermeasure required.  
See 8.3 "Personal protective equipment"
- 6.2 Environmental protection measures and cleaning**  
No special countermeasure required.

### 7. Handling and Storage procedures

- 7.1 Handling**
- 7.1.1 Information for secure handling  
No special handling required.
- 7.1.2 Information for fire and explosion protection  
Keep away from open flame.
- 7.2 Storage**
- 7.2.1 Requirements on storage rooms and containers  
No special storing required. Keep away from open flame.
- 7.2.2 Incompatible products  
Strong oxidizing agents.
- 7.2.3 Further information / Storage classification  
Not Applicable.

### 8. Working place safety and personal protective equipments

- 8.1 Additional hints for design of working places**  
Prepare personal protective equipment, see 8.3  
Whole ventilation system or spot exhaust.
- 8.2 Substances with working place related limits, to be controlled**
- | CAS-No. | Characterization | Type | Value | Unit |
|---------|------------------|------|-------|------|
|---------|------------------|------|-------|------|
- 8.3 Personal protective equipments**
- 8.3.1 Industrial hygiene and general protective measurements  
No special working hygiene measures require.
- 8.3.2 Respiratory protection  
Not required.
- 8.3.3 Hand protection  
Wear glove in necessary.
- 8.3.4 Eye protection  
Wear protective glasses in necessary.
- 8.3.5 Body protection  
Not required.

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**No. 454-1147-1****9. Physical and Chemical Properties****9.1 Appearance**9.1.1 **Form** Solid(Film) 9.1.2 **Colour** White 9.1.3 **Odour** Odourless**9.2 Safety related informations** ( Stick film Releasing film )

9.2.1 Boiling point/range (°C)	N.A.	Melting point/range (°C)	260
9.2.2 Flash point (°C)	390~400	in closed melting pot (°C)	
9.2.3 pH-Value, conc.	N.A.	pH-Value, 1% in water	N.A.
9.2.4 Inflammability(EG A10/A13)			
9.2.5 Ignition temperature (°C)	485~500		
9.2.6 Self ignition (EGA16)	N.A.		
9.2.7 Fire supporting characteristics			
9.2.8 Danger of explosion	N.A.		
9.2.9 Explosion limits (Vol % lower)	N.A.	(Vol % upper)	N.A.
9.2.10 Thermal decomposition (°C)	No data		

**9.3 Other characteristics** ( Stick film Releaing film )

9.3.1 Density	(g/ml)	1.1 (20°C) Stick film	
		1.4 (20°C) Releasing film	
9.3.2 Solubility		water: Insoluble	
9.3.3 Vapour pressure	(mbar)	N.A.	
9.3.4 Vapour density	(Air = 1)	N.A.	
9.3.5 Distribution coefficient n-Octanol/H2O		N.A.	
9.3.6 Viscosity (20°C, cps)		N.A.	
9.3.7 Solvent separation test		N.A.	
9.3.8 Solvent concentration (Gew. %)		N.A.	
9.3.9 Evaporation number		N.A.	
9.3.10 Chem. Oxygen Demand COD (mg/l)		N.A.	
9.3.11 Biochem. Oxygen demand BOD5 (mg/l)		N.A.	

**10. Stability and Reactions****10.1 Conditions to avoid**

Flame, Direct sunshine, High temperature, High humidity

**10.2 Substances to keep away from**

Strong oxidizing agents.

**10.3 Hazardous decomposition products**

None in normal condition.

**11. Information on toxicity****11.1 Acute toxicity**

Not Applicable.

**11.2 Subacute to chronic toxicity**

Not Applicable.

**11.3 Experience on human being / other informations**

No data.

**12. Information on ecological effects****12.1 Information about degradation**

No data.

**12.2 Influence on biological sewage treatment plants**

No data.

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**No. 454-1147-1****12.3 Other information****13. Disposal****13.1 Recommendation for product rests**

Dispose in compliance with applicable local, county, state or federal regulations regarding health and environment.

**13.2 Recommendation for contaminated packing material**

Dispose in compliance with applicable local, county, state or federal regulations regarding health and environment.

**14. Information on transport****14.1 Transport on road**

ADR/RID/GGVS/GGVE class

No/Letter

Not Applicable.

Correct technical declaration

**14.2 Transport by ship**

IMDG / GGVSea-class

UN-No. :

Not Applicable.

EmS-No

MFAG :

Marine pollutant :

Correct technical declaration

**14.3 Air transport**

ICAO / IATA - Class

UN / ID-No. :

Not Applicable.

Correct technical declaration

Aqueous suspension of carbon

**15. Regulations****15.1 Declaration**

Safety symbols

Safety declaration

Compounds

**R-codes**

Not Applicable.

**S-codes**

Not Applicable.

**Special declarations****15.2 National declarations**

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***No. 454-1147-1*****16. Further Informations**

These informations are based on the knowledge and experience made until the date of the elaboration of this document, without any guarantee related to the products characteristics