

**EC - SAFETY DATA SHEET**

Product identification

**No. 454-1148-1****1. Product identification and manufacturer****1.1 Product information**Commercial product name **Viewful TA****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	35 - 39		
		Adhesive acrylic resin	6 - 7		
		<u>Releasing film</u>			
25038-59-9		PET	53 - 58		
		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
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#### 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. 454-1148-1****9. Physical and Chemical Properties****9.1 Appearance**9.1.1 **Form** Solid(Film) 9.1.2 **Colour** Colourless 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)	1.4 (20°C)
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.

**12.3 Other information**

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**No. 454-1148-1****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. 454-1148-1*****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