



# SAFETY DATA SHEET

2017-3-30

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
OMB No.1218-0072

## § 1 - IDENTITY INFORMATION

Product Name (as used on label and list) : **VENETIAN TURPENTINE (O 528)**

Manufacturer : **HOLBEIN Works, Ltd.**  
Address : **2-2-5, Ueshio, Chuo-ku, Osaka-shi  
OSAKA 542-0064 JAPAN**

Telephone Number for information : **81-6-6191-7722**  
Emergency Telephone Number : **81-72-985-1221**  
Preparer : **ALAKI, Yutaka**

## § 2 - HAZARD IDENTIFICATION

Classification : **Flammable Liquid, Category 3**  
Hazard information : **Irritant to eyes and skin. Inhalation of concentrated vapor irritates eyes and/or bronchial pathway, or may influences to central nerve.**

Acute toxicity : **Category 4**  
Skin Irritation : **Category 3**  
Eye Effects : **Category 2A**  
Respiratory Sensitization : **Category 1/Inhalation may cause allergy, asthma or dyspnea.**  
Skin Sensitization : **Category 1/May cause allergic dermatitis**



## § 3 - COMPOSITION / INGREDIENTS

Substance/Mixture : **Mixture (\* : main ingredient)**

Components (Specific Chemical Identity, Common name(s), C.I. No)	CAS. No.
Venetian Turpentine (Balsam) *	Various Resin Acids
	800741-8

## § 4 - FIRST AID MEASURES

Inhalation : **Remove to fresh air.**  
Ingestion : **Do NOT induce vomiting, except in case of excess swallowing. Ask immediately for medical doctor.**  
Eyes : **In case of eye contact, rinse with plenty of water and if necessary consult an eye specialist.**  
Skin Contact : **Upon skin contact, wash with plenty of water, soap or other non-irritating cleansing agents.**

## § 5 - FIRE AND EXPLOSION HAZARD DATA

Flammability : **Flammable**  
Flash Point : **37.3 °C**  
Autoignition Temp : **278 °C**

Extinguishing Method : **Take off fire or other flammable materials, and use with extinguishing tools.**  
Extinguishing Media : **Foam, Dry powder, CO2**

Unusual Fire and Explosion Hazards : None

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## § 6 - ACCIDENTAL RELEASE MEASURES

Step to Be Taken in Case Material Is Released or Spilled :

	Then take up with absorbent materials.
Prevention of Secondary Disaster :	Take off fire or other flammable materials.
Personal Consideration :	Use mechanical ventilation.
Environmental Precautions :	Prevent spills from entering storm sewers or drains.

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## § 7 - HANDLING AND STORAGE

Precautions:	Avoid prolonged or repeated contact with skin and eyes.
Storage Requirements :	Keep from fire or flammable materials. Do not allow product temperature to rise high.
Handling Procedures/Equipment :	Treat as paint product.

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## § 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls :	Use mechanical ventilation when applying.
Personal Protection :	Avoid inhaling aerosols.
Threshold Limit Value :	197ppm (hydrocarbons)

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## § 9 - PHYSICAL / CHEMICAL CHARACTER

Appearance :	Pale yellowish viscous liquid
Odor :	Terpenic smell
Boiling Point :	155 ° C
Specific Gravity :	0.86
Solubility in water :	Insoluble

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## § 10 - HAZARD INFORMATION AND STABILITY

Physical Dangers :	Flammable
Stability :	Stable under normal state
Incompatibility (materials to avoid) :	None
Byproducts :	Carbon dioxide and water
Hazardous Decomposition :	No thermal decomposition when stored and handled correctly.
Corrosive Behavior :	None

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## § 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry :	Dermal, eye contact, swallowing
Oral Toxicity :	LD50 >3,700 (mg/kg, Rat, Naphtha)
Ingestion :	Although the effect or toxicity of swallowing is not serious, the liquid or vapor based on swallowing or vomiting may cause of bronchitis or pulmonary edema.
Inhalation Toxicity :	High density vapor irritates respiratory organ, and induces dizziness, headache, anesthesia, slumber or the effect to central nervous system.
Effects of Acute Exposure :	None known
Eye irritation :	Usually irritant to the eye mucous membrane
Skin irritation :	Long time or repeated contact may irritate to skin and may cause inflammation.
Repeated Exposure :	Inhalation of mist may cause irritation of bronchial pathway and/or stupor.
Sensitization, Reproductive Toxicity, Mutagenicity, Teratogenicity, Carcinogenicity :	No data available

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## § 12 - ECOLOGICAL INFORMATION

No suitable information

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**§ 13 - DISPOSAL CONSIDERATIONS**

Disposal Considerations : To be incinerated.  
Waste Disposal Method : In accordance with local official regulations, pass on to an appropriate incinerating plant or depository.

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**§ 14 - TRANSPORT INFORMATION**

Hazard Class : Class 3 (Flammable)  
UN number : 1263 (Varnish)  
Packing Group : III

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**§ 15 - REGULATORY INFORMATION**

Conforms to ACMI, Art & Creative Materials Institute, under ASTM D 4236  
Industrial Safety and Health Law : Flammable organic solvent  
Fire Service Law (Japan) : Dangerous Materials ; Group 4  
Petroleum Category 2  
Regulation to Control Dangerous Materials : Conforms to article 41 and appendix.  
High Pressure Gas Safety Law : N/A

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**§ 16 - OTHER INFORMATION**

Notice: The information of this sheet is based on the present state of our knowledge and does not therefore guarantee certain properties.

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**Appendix****Information of Venetian Turpentine**

Hazardous Ingredient : Terpene  
Classification : CL

AP Approved Product : Contain no materials in sufficient quantities to be toxic or injurious to humans.

CL Cautionary Label : Any known health risks and with information on the safe and proper use of these materials