



SAFETY DATA SHEET

2024-10-1

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) : W 477 Masking Ink Cleaner

Manufacturer : HOLBEIN Works, Ltd.
Address : 1-3-14, Hishiya-nishi, Higashi-osaka-shi
OSAKA 577-0807, JAPAN
Telephone Number for information : 81-6-6191-7722
Emergency Telephone Number : 81-72-985-1222 (HOLBEIN Labo, Ltd.)
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 3
Skin Irritation : Category 2~Category 3
Eye Effects : Category 2A
Skin Sensitization : Category 1/Inhalation may cause allergic dermatitis
Respiratory Sensitization : Category 1/Inhalation may cause allergy, asthma or dyspnea.
Target Organ Toxicity (Single Exposure) : Category 1/ Inhalation may induces the effects to central nervous system.



§ 3 - COMPOSITION / INGREDIENTS

Substance/Mixture : Mixture

Components	(Specific Chemical Identity, Common Name(s))	CAS No.
Solvent	Naphtha / Hydrated Heavy Petroleum	64742-48-9
Surfactant	Polyoxyethylene-alkyl-ether	68131-40-8

§ 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 ask immediately for medical doctor.
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 : 47.7 °C
Autoignition Temp : >200 °C

Extinguishing Method :	Take off fire or other flammable materials, and use with extinguishing tools.
Extinguishing Media :	Foam, Dry powder, CO ₂
Unusual Fire and Explosion Hazards :	None

§ 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.

§ 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.

§ 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls :	Use mechanical ventilation when applying.
Personal Protection :	Avoid inhaling vapor

§ 9 - PHYSICAL / CHEMICAL CHARACTER

Appearance :	Colorless liquid
Odor :	Mild petrolic smell
Specific Gravity (H ₂ O = 1) :	0.78
Boiling Point :	Approx. 147~199 ° C
Vapor Density (Air = 1) :	> 1 (100kPa)
Vapor Pressure :	0.21kPa (20 ° C)
pH :	—
Solubility in Water :	Insoluble (Suspendable)

§ 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

§ 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry :	Dermal, eye contact, swallowing
Oral Toxicity :	LD ₅₀ = 15,000 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, Effects of Acute Exposure, Target Organ Toxicity (Single Exposure) :	Inhalation may induces the effects to central nervous system.
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. Chronical excess inhalation in long time of mist induces inflammation of lung, and are anesthetic and may have other central nervous system effects.

Sensitization, Reproductive Toxicity, Mutagenicity, Teratogenicity : No data available on product.
Carcinogenicity : IARC (The International Agency for Research on Cancer) classifies naphtha in Group 3, not classifiable agent as to its carcinogenicity to humans.

§ 12 - ECOLOGICAL INFORMATION

No suitable data available on this product

§ 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.

§ 14 - TRANSPORT INFORMATION

Hazard Class : Class 3 (Flammable)
UN number : 3295
Packing Group : III

§ 15 - REGULATORY INFORMATION

Industrial Safety and Health Law : Flammable liquid
Fire Service Law (Japan) : Dangerous Materials ; Group 4
Petroleum Category 2

§ 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.