

Safety Data Sheet

Hi-Tech Waterproofer Clear

2.2 GHS label elements, including precautionary statements

Pictograms



Signal word

Danger

Hazard statement(s)

Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation
Suspected of causing cancer
May damage fertility or the unborn child
May cause damage to organs through prolonged or repeated exposure

Precautionary statement(s)

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe vapors.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective clothing/eye protection
IF ON SKIN: Wash with plenty of water
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical attention.
Call a POISON CENTER/doctor if you feel unwell.
Get medical attention if you feel unwell.
If skin irritation occurs: Get medical attention.
If eye irritation persists: Get medical attention.
Take off contaminated clothing and wash it before reuse.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Dispose of contents to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 3: Composition/information on ingredients

Material	CAS	%
Vinyl Acetate	108-05-4	8 - 11
N-Butyl Acrylate	141-32-2	8 - 11
2-Ethoxyethyl acetate	111-15-9	5 - 8
Ethylene glycol	107-21-1	4 - 7
Turpentine	8006-64-2	≤ 1
Dipropylene glycol monomethyl ether	34590-94-8	≤ 1
Carbendazim	10605-21-7	≤ 1
Ammonia	7664-41-7	≤ 1
2-Octyl-3-Isothiazolone	26530-20-1	≤ 1
Acrylic Acid	79-10-7	≤ 1

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	In case of accident or if you feel unwell, seek medical advice immediately.
If inhaled	Call a poison center or doctor if you feel unwell. Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
In case of skin contact	Wash with plenty of soap and water for at least 15 minutes. Call a poison center or doctor if you feel unwell. Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor. Acute and delayed symptoms and effects: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Ethylene glycol: No data available.

Texanol: Carbon oxides

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Ammonia: Nitrogen oxides (NO_x)

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protection recommended in Section 8.

As an immediate precautionary measure, isolate spill or leak area in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate enclosed areas.

6.2 Environmental precautions

Keep out of drains, sewers, ditches, and waterways.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Keep out of the reach of children.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Paraffin wax (CAS: 8002-74-2)

PEL-TWA (Inhalation): 2 mg/m³ (Cal/OSHA)

TWA (Inhalation): 2 mg/m³; Australia (AU/SWA)

Ethylene glycol (CAS: 107-21-1)

PEL-C (Inhalation): 40 ppm, 100 mg/m³; USA (Cal/OSHA)

California permissible exposure limits for chemical contaminants (Title 8, Article 107)

TWA (Inhalation): 10 mg/m³; Australia (AU/SWA)

Other advisory: Sk

TWA (Inhalation): 20 ppm; 52 mg/m³; Australia (AU/SWA)

Other advisory: Sk

STEL (Inhalation): 40 ppm; 104 mg/m³; Australia (AU/SWA)

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Other advisory: Sk

2-Ethoxyethyl acetate (CAS: 111-15-9)

PEL (Inhalation): 100 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 540 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 0.5 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 5 ppm; 27 mg/m³; Australia (AU/SWA)

Other advisory: Sk

Turpentine (CAS: 8006-64-2)

REL (Inhalation): 100 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 100 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 560 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 100 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 100 ppm; 557 mg/m³; Australia (AU/SWA)

Other advisory: Sen

Mineral oil (CAS: 8042-47-5)

ST (Inhalation): 10 mg/m³; USA (OSHA)

USA. NIOSH Recommended Exposure Limits

TWA (Inhalation): 5 mg/m³; USA (NIOSH)

USA. NIOSH Recommended Exposure Limits

TWA (Inhalation): 5 mg/m³; USA (OSHA)

USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants

PEL (Inhalation): 5 mg/m³; USA (Cal/OSHA)

California permissible exposure limits for chemical contaminants (Title 8, Article 107)

Ammonia (CAS: 7664-41-7)

PEL (Inhalation): 50 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 35 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 25 ppm, (ST) 35 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 25 ppm, (ST) 35 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 25 ppm; 17 mg/m³; Australia (AU/SWA)

STEL (Inhalation): 35 ppm; 24 mg/m³; Australia (AU/SWA)

Vinyl acetate (CAS: 108-05-4)

TWA (Inhalation): 10 ppm; 35 mg/m³; Australia (AU/SWA)

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STEL (Inhalation): 20 ppm; 70 mg/m³; Australia (AU/SWA)

n-Butyl acrylate (CAS: 141-32-2)

TWA (Inhalation): 1 ppm; 5 mg/m³; Australia (AU/SWA)

Other advisory: Sen

STEL (Inhalation): 5 ppm; 26 mg/m³; Australia (AU/SWA)

Other advisory: Sen

Dipropylene glycol monomethyl ether (CAS: 34590-94-8)

PEL (Inhalation): 100 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 600 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 100 ppm, (ST) 150 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 100 ppm, (ST) 150 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 50 ppm; 308 mg/m³; Australia (AU/SWA)

Other advisory: Sk

Acrylic acid (CAS: 79-10-7)

TWA (Inhalation): 2 ppm; 5.9 mg/m³; Australia (AU/SWA)

Other advisory: Sk

8.2 Appropriate engineering controls

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety glasses with side-shields.

Skin protection

Protective gloves, such as nitrile gloves.

Body protection

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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SECTION 9: Physical and chemical properties and safety characteristics

Basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Odor	No data available
Odor threshold	No data available.
Melting point/freezing point	No data available.
Boiling point or initial boiling point and boiling range	100° C
Flammability	None
Lower and upper explosion limit/flammability limit	No data available.
Flash point	None (ASTM D93 -Pensky Martens Closed Cup)
Explosive properties	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Oxidizing properties	No data available.
pH	9
Kinematic viscosity	6000 - 8000 mPa.s (23° C)
Solubility	Soluble
Partition coefficient n-octanol/water (log value)	No data available.
Vapor pressure	No data available.
Evaporation rate	No data available.
Density and/or relative density	No data available
Relative vapor density	No data available.

Particle characteristics

No data available.

Further safety characteristics (supplemental)

VOC Content (%): 7.63

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Contact with incompatible materials. Sources of ignition. Exposure to heat.

10.5 Incompatible materials

Paraffin wax: Strong oxidizing agents

Ethylene glycol: Strong acids, Strong oxidizing agents, Strong bases, Aldehydes, Aluminum

Ammonia: Oxidizing agents, Iron, Zinc, Copper, Silver/silver oxides, Cadmium/cadmium oxides, Alcohols, acids, Halogens, Aldehydes

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Dipropylene glycol monomethyl ether: Strong oxidizing agents, Strong acids

10.6 Hazardous decomposition products

Ethylene glycol: Hazardous decomposition products formed under fire conditions. - Carbon oxides
In the event of fire: see section 5

Mineral oil: Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - No data available
In the event of fire: see section 5

SECTION 11: Toxicological information

Acute toxicity

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Components:

Symptoms (including delayed and immediate effects):

Inhalation: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Ingestion: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

The ATE (gas inhalation) of the mixture is: 23684.21 ppmV

The ATE (oral) of the mixture is: 3333.33 mg/kg bw

Ammonia

LC50 Inhalation - Rat - 2000 ppm - 4 h

LC50 - Daphnia magna (water flea) - 25.4 mg/l - 48 h

Dipropylene glycol monomethyl ether

LD50 Oral - Rat - 5,152 mg/kg

LD50 Skin - Rabbit - 9,510 mg/kg

LC50 - Pimephales promelas (fathead minnow) - > 10,000 mg/l - 96 h

LC50 - Daphnia magna (water flea) - 1,919 mg/l - 48 h

Ethylene glycol

LD50 Oral - Rat - 4,700 mg/kg

LD50 Skin - Rabbit - 10,626 mg/kg

Paraffin wax

LD50 Oral - Rat - > 5,000 mg/kg

LD50 Skin - Rabbit - > 3,600 mg/kg

Texanol

LD50 Oral - Rat - 6,500 mg/kg

LC50 Inhalation - Rat - > 3.55 mg/l - 6 h

LD50 Skin - Rabbit - > 15,200 mg/kg 28 d

Result: Readily biodegradable. Biodegradation: > 77 %

LC50 - Pimephales promelas (fathead minnow) - 33 mg/l - 96 h

EC50 - Daphnia magna (water flea) - 147.8 mg/l - 48 h

EC50 - Pseudokirchneriella subcapitata (green algae) - 15 mg/l - 72 h

Turpentine

LD50 Oral - Rat - 5,760 mg/l

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Result: aerobic - Exposure time 28 d
Result: 71.7 % - Readily biodegradable
(OECD Test Guideline 301F)
Remarks: The 10 day time window criterion is not fulfilled.
EC50 - Desmodemus subspicatus (chodat) - 17.1 mg/l - 72 h
EC50 - Daphnia magna (water flea) - 6.4 mg/l - 48 h
LC50 - Danio rerio (zebra fish) - 29 mg/l - 96 h

White mineral oil

LD50 Oral - Rat - >5,000 mg/kg
Remarks: (OECD Test Guideline 401)
LD50 Inhalation - Rat - 5 mg/l - 4 h
Remarks: (OECD Test Guideline 403)
LD50 Skin - Rabbit - >2,000 mg/kg
Remarks: (OECD Test Guideline 402)
LC50 - Oncorhynchus mykiss (rainbow trout) - >100 mg/l - 96 h
Remarks: (OECD Test Guideline 203)
LC50 - Daphnia magna (water flea) - >100 mg/l - 48 h
Remarks: (OECD Test Guideline 202)

Skin corrosion/irritation

May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

Serious eye damage/irritation

May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

May cause genetic defects

Carcinogenicity

This product is or contains a component that has been reported to be carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

Reproductive toxicity

No data available.

Summary of evaluation of the CMR properties

No data available.

Specific target organ toxicity (STOT) - single exposure

No data available.

Specific target organ toxicity (STOT) - repeated exposure

No data available.

Aspiration hazard

No data available.

SECTION 12: Ecological information

Toxicity

No data available on product

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Persistence and degradability

No data is available on the degradability of any ingredients in the mixture

Bioaccumulative potential

No data available on product

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

The product contains volatile organic compounds which have a photochemical ozone creation potential

SECTION 13: Disposal considerations

Product disposal

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Packaging disposal

Dispose of as unused product.

SECTION 14: Transport information

DOT: Not Regulated for Transport

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

California Prop. 65 Components

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Ethylene glycol, CAS number: 107-21-1

2-Ethoxyethyl acetate, CAS number: 111-15-9

SARA 302 Components

The following components are subject to reporting levels established by SARA Title III, Section 302:

Ammonia, CAS number: 7664-41-7

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard, Sudden Release of Pressure Hazard, Fire Hazard

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

Ammonia, CAS number: 7664-41-7

Ethylene glycol, CAS number: 107-21-1

Pennsylvania Right To Know Components

2-Propenoic acid, butyl ester, CAS number: 141-32-2

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2-Propenoic acid, CAS number: 79-10-7
Acetic acid ethenyl ester, CAS number: 108-05-4
Ammonia, CAS number: 7664-41-7
Dipropylene glycol monomethyl ether, CAS number: 34590-94-8
Ethanol, 2-ethoxy-, acetate, CAS number: 111-15-9
Ethylene glycol, CAS number: 107-21-1
Paraffin waxes and hydrocarbon waxes, CAS number: 8002-74-2
Phosphoric acid, trisodium salt, CAS number: 7601-54-9
Turpentine, CAS number: 8006-64-2
White mineral oil, CAS-No. 8042-47-5

New Jersey Right To Know Components

2-ethoxyethyl acetate, CAS number: 111-15-9
Acrylic acid, CAS number: 79-10-7
Ammonia, CAS number: 7664-41-7
Butyl acrylate, CAS number: 141-32-2
Carbendazim, CAS number: 10605-21-7
Dipropylene glycol monomethyl ether, CAS number: 34590-94-8
Ethylene glycol, CAS number: 107-21-1
Paraffin wax, CAS number: 8002-74-2
Sodium Phosphate, TRIBASIC, CAS number: 7601-54-9
Turpentine, CAS number: 8006-64-2
Vinyl acetate, CAS number: 108-05-4
White mineral oil, CAS-No. 8042-47-5

Massachusetts Right To Know Components

Acetic acid ethenyl ester, CAS number: 108-05-4
Acrylic acid, CAS number: 79-10-7
Ammonia, CAS number: 7664-41-7
Butyl acrylate, CAS number: 141-32-2
Carbendazim, CAS number: 10605-21-7
Dipropylene glycol monomethyl ether, CAS number: 34590-94-8
Ethylene glycol, CAS number: 107-21-1
Paraffin waxes and Hydrocarbon waxes, CAS-No. 8002-74-2
Sodium phosphate, tribasic, CAS number: 7601-54-9
Turpentine, CAS number: 8006-64-2

SECTION 16: Other information

Issue Date: 1 July 2022

Disclaimer

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