



Safety Data Sheet Avant Guard Panel Prep

SECTION 1: Identification

GHS Product identifier

Product name	Avant Guard Panel Prep
Product number	AGPPREP
Brand	AVANT GUARD

Recommended use of the chemical and restrictions on use

Surface Preparation Product for removing dirt and oils from a surface before coating.

Supplier's details

Name	Avant Guard
Address	1234 North Post Oak Rd Ste 170 Houston TX 77055 USA
Telephone	321-492-2100
email	support@avantguard.com

Emergency phone number

Poison Control Center
1-800-222-1222

SECTION 2: Hazard identification

General hazard statement

KEEP OUT OF REACH OF CHILDREN. USE ONLY AS DIRECTED.

Classification of the substance or mixture

GHS label elements, including precautionary statements

Pictograms



Signal word

Danger

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Hazard statement(s)

H316	Causes mild skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H333	May be harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation

Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear eye protection/face protection.
P284	[In case of inadequate ventilation] wear respiratory protection.
P304+P312	IF INHALED: Call a POISON CENTER/doctor/... if you feel unwell.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor/.../ if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Water (CAS no.: 7732-18-5) CLASSIFICATIONS: No data available. HAZARDS: No data available.	50 - 71 % (weight)
Isopropanol (CAS no.: 67-63-0; Index no.: 603-117-00-0) CLASSIFICATIONS: Flammable liquids, Cat. 2; Eye damage/irritation, Cat. 2A. HAZARDS: H225 - Highly flammable liquid and vapor; H319 - Causes serious eye irritation	1 - 5 % (weight)
Colorant intermediate (PROVISIONAL) (CAS no.: N/A) CLASSIFICATIONS: No data available. HAZARDS: No data available.	0.005 - 1 % (weight)
Fragrance CLASSIFICATIONS: No data available. HAZARDS: No data available.	0.05 - 2 % (weight)
Preservative CLASSIFICATIONS: No data available. HAZARDS: No data available.	0.05 - 0.1 %
Trade Secret CLASSIFICATIONS: No data available. HAZARDS: No data available.	12 - 24 % (weight)

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	Consult a physician after significant exposure. If unconscious, place in recovery position and seek medical advice.
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In case of skin contact	If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	Immediately flush eye(s) with plenty of water. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	Keep respiratory tract clear. Do not induce vomiting without medical advice. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Most important symptoms/effects, acute and delayed

May cause sensitization by skin contact.

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

Treat symptomatically. There is no specific antidote available.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical

Specific hazards arising from the chemical

Do not allow run-off from firefighting to enter drains or water courses.

Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.
Use personal protective equipment.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.
Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions

Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7: Handling and storage

Precautions for safe handling

Avoid formation of aerosol.
Do not breathe vapors/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Take precautionary measures against static discharges.
Provide sufficient air exchange and/or exhaust in work rooms.
Container may be opened only under exhaust ventilation hood.
Open container carefully as content may be under pressure.
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage, including any incompatibilities

No smoking.
Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.

SECTION 8: Exposure controls/personal protection

Control parameters

1. Isopropanol (CAS: 67-63-0)

TWA [Isopropyl alcohol] (Inhalation): 400 ppm; 983 mg/m³; AU (AU/SWA)
STEL [Isopropyl alcohol] (Inhalation): 500 ppm; 1230 mg/m³; AU (AU/SWA)
PEL [Isopropyl alcohol] (Inhalation): 400 ppm; US (US/OSHA)
OSHA Annotated Table Z-1, www.osha.gov
PEL [Isopropyl alcohol] (Inhalation): 980 mg/m³; US (US/OSHA)
OSHA Annotated Table Z-1, www.osha.gov
PEL [Isopropyl alcohol] (Inhalation): 400 ppm, (ST) 500 ppm; US (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov
REL [Isopropyl alcohol] (Inhalation): 400 ppm, (ST) 500 ppm; US (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

Appropriate engineering controls

No personal respiratory protective equipment normally required.

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

Pictograms



Eye/face protection

Safety Glasses/Goggles if desired

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Skin protection

Gloves Recommended

Respiratory protection

No Special Equipment required

Thermal hazards

N/A to the best of our knowledge

Control banding approach

N/A to the best of our knowledge

Environmental exposure controls

N/A to the best of our knowledge

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Clear Liquid
Odor	Pleasant, but strong
Odor threshold	No Data Available
pH	5-7
Melting point/freezing point	No Data Available
Initial boiling point and boiling range	No Data Available
Flash point	No Data Available
Evaporation rate	No Data Available
Flammability (solid, gas)	No Data Available
Upper/lower flammability or explosive limits	No Data Available
Vapor pressure	No Data Available
Vapor density	No Data Available
Relative density	No Data Available
Solubility(ies)	No Data Available
Partition coefficient: n-octanol/water	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	No Data Available

Additional properties

Physical state	Liquid
Color	Blue

SECTION 10: Stability and reactivity

Incompatible materials

Isopropanol: Oxidizing agents, Acid anhydrides, Aluminium, Halogenated compounds, Acids

Fragrance: Strong oxidizing agents.

Hazardous decomposition products

Water: In the event of fire: see section 5

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

Fragrance: No hazardous decomposition products are known.

SECTION 11: Toxicological information

Information on toxicological effects

SECTION 12: Ecological information

Toxicity

No data available on product

Persistence and degradability

No data available on product

Bioaccumulative potential

No data available on product

Mobility in soil

No data available on product

Results of PBT and vPvB assessment

No data available on product

Endocrine disrupting properties

No data available on product

Other adverse effects

No data available on product

SECTION 13: Disposal considerations

Disposal methods

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.

Waste treatment

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.

Sewage 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.

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Other disposal recommendations

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.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

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

SARA 302 Components

No chemicals in this material [Water] are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material [Water] does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards for: Water.

Canadian Domestic Substances List (DSL)

Chemical name: Water

CAS number: 7732-18-5

US EPA TSCA public inventory

Chemical name: Water

CAS number: 7732-18-5

Massachusetts Toxic Use Reduction Act (TURA) list

Chemical name: Isopropyl alcohol (mfg-strong acid process)

CAS number: 67-63-0

New Jersey Right To Know Components

Common name: ISOPROPYL ALCOHOL

CAS number: 67-63-0

Pennsylvania Right To Know Components

Chemical name: 2-PROPANOL

CAS number: 67-63-0

SARA 313 Components

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

Isopropyl alcohol for: Isopropanol.

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SARA 302 Components

No chemicals in this material [Isopropanol] are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard for: Isopropanol.

Canadian Domestic Substances List (DSL)

Chemical name: 2-Propanol

CAS number: 67-63-0

EU Table of Harmonised Entries (Annex VI to CLP)

Chemical name: Isopropanol

CAS number: 67-63-0

US EPA TSCA public inventory

Chemical name: Isopropanol

CAS number: 67-63-0

Massachusetts Right To Know Components (105 CMR 670)

Chemical name: 2-PROPANOL

CAS number: 67-63-0

US EPA TSCA confidential inventory

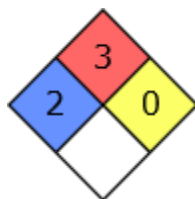
TSCA generic name: Colorant intermediate (PROVISIONAL)

Accession number: P990967; PMN number: 161183

HMIS Rating

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HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

NFPA Rating



SECTION 16: Other information

Further information/disclaimer

The information contained in this Safety Data Sheet (SDS) is believed to be accurate and reliable as of the date of issue. However, Avant Guard, LLC makes no warranties, express or implied, and assumes no liability for the accuracy or completeness of the information herein. The information is provided solely for the user's consideration, investigation,

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