

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Product identifier:

Identification as on the label/Trade name: Armour Detail Supply Panel Prep.

Product code: 36000312

Relevant identification uses of the substance and uses advised against:

Identified uses: All-purpose cleaner.

Uses advised against: No other uses are advised.

Details of the Supplier of the Safety Data Sheet:

Armour Detail Supply LLC
28720 South Diesel Drive, Unit 2
Bonita Springs, FL 34135
+1-(703)-296-2449
info@armourdetailsupply.com

Emergency telephone numbers:

24-hour Emergency Contact:

CHEMTREC 24-hour: +1-800-424-9300 (USA)

Section 2: Hazards Identification

Classification of the substances or mixture:

The mixture is classified according to: Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Hazard classes/Hazard categories:

Not classified as hazardous.

Label elements:

Hazard pictogram: No pictogram.

Signal word: No signal word.

Hazard statements: Not applicable.

Precautionary statements: Not applicable.

Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture.

Ingredients:

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	SCLs, M-Factors, Acute Toxicity Estimates (ATE)	Classification EC1272/2008
	EC-No.			
propan-2-ol	67-63-0	1 - < 3%	-	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336
isopropyl alcohol				
isopropanol	200-661-7			

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: First-Aid Measures

Description of first aid measures:

Inhalation: Provide fresh air. If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions.

Skin Contact: Wash off with plenty of soap and water.

Eye contact: Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Ingestion: Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed:

No further information available.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

Section 5: Fire-Fighting Measures

Extinguisher media:

Suitable extinguisher media: Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use water jet.

Special hazards arising from the mixture: Nitrogen oxides (NO_x).

Advice for fire-fighters: In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Remove persons to safety.

For emergency responders: Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

Environmental precautions: Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

Methods for containment and cleaning up:

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, or universal binder. Place in appropriate containers for disposal. Ventilate affected area.

Section 7: Handling and Storage**Precautions for safe handling:**

Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feed.

Advice on general occupational hygiene: Do not eat, drink, or smoke when handling this product.

Conditions for safe storage, including incompatibilities:

Store in a cool, dry place. Protect against external exposure, such as frost.

Specific end uses: Use only as directed.

Section 8: Exposure Controls and Personal Protection**Control parameters:****Occupational exposure limits:**

Isopropyl alcohol, CAS 67-63-0

NIOSH REL TWA 400 ppm (980 mg/m³) ST 500 ppm (1,225 mg/m³)

OSHA PEL TWA 400 ppm (980 mg/m³)

Exposure control:

Appropriate engineering controls: Provide adequate general or local exhaust ventilation.

Individual protection measures, such as personal protective equipment:

Eye protection: Wear eye protection.

Hand protection: Wear protective gloves. Chemical protection gloves are suitable, which are tested according to applicable standards. Check leak-tightness/impermeability prior to use.

Respiratory protection: In case of inadequate ventilation wear respiratory protection.

Body protection: Wear suitable protective clothing.

Other protection measures: Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) are recommended. Wash hands thoroughly after handling.

Section 9: Physical and Chemical Properties**Information on basic physical and chemical properties:**

Appearance (form): Liquid.

Color: Turquoise.

Odor: Fruity.

pH (concentration): 6.0 – 8.0

Melting point/range (°C): -90 °C

Boiling point/range (°C): 82 °C

Flash point (°C): > 100 °C

Evaporation rate: No data available.

Flammability (solid, gas): No data available.
Upper/lower explosive limits: No data available.
Vapor pressure: 4.3 kPa @ 20 °C
Vapor density: No data available.
Relative density: 0.99
Water solubility (g/L) at 25 °C: Miscible in any proportion.
n-Octanol/Water partition coefficient: No data available.
Auto-ignition temperature: No data available.
Decomposition temperature: No data available.
Viscosity, dynamic (mPa.s): No data available.

Section 10: Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability: Stable under normal ambient and anticipated storage and handling conditions.
Possibility of hazardous reactions: No hazardous reactions known.
Conditions to avoid: None known.
Incompatible materials: None known.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

Information on toxicological effects:
Acute toxicity: No data available.
Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or skin sensitization: No data available.
Germ cell mutagenicity: No data available.
Carcinogenicity: Not data available.
Reproductive toxicity: No data available.
STOT-single exposure: No data available.
STOT-repeated exposure: No data available.
Aspiration hazard: No data available.

Section 12: Ecological Information

Toxicity: Not classified as hazardous to the aquatic environment.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Results of PBT& vPvB assessment: According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0.1\%$

Section 13: Disposal Considerations

Waste treatment methods: Dispose of in accordance with local/national regulations. Do not empty into drains. Avoid release to the environment.

Product/packaging disposal: Completely emptied packages can be recycled. Handle contaminated packages in the same way as unused product.

Section 14: Transport Information

UN number: -

UN proper shipping name: Not regulated as dangerous goods.

Transport hazard class: -

Packing group: -

Environmental hazards: -

Special precautions for user: Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR.

Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable.

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation for the mixture:

Relevant information regarding restrictions: None known.

EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP]

US Regulations:

SARA Title III Section 302/304 Extremely Hazardous Substance: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA Title III Section 311/312 Hazard Categorization: Not applicable.

SARA Title III Section 313 Supplier Information: Isopropyl alcohol, CAS No 67-63-0

CERCLA Section 102(a) Hazardous Substance: This material does not contain any chemical components with CERCLA reportable quantities.

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

State Regulations: Isopropyl alcohol, CAS No 67-63-0 can be found on the following state right to know lists: New Jersey, Pennsylvania, Rhode Island, Minnesota, and Massachusetts.

Chemical Safety Assessment carried out: No.

Section 16: Other Information

Indication of changes: GHS aligned.

Relevant classification and H statements (number and full text):

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Training instructions: Use as instructed.

NFPA rating:



Health 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.

Flammability 1 - Materials that must be preheated before ignition can occur.

Reactivity/Instability 0 - Materials that in themselves are normally stable, even under fire conditions.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to readers: Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit