

SAFETY DATA SHEET



AUTOMOTIVE PROTECTION SYSTEMS, INC.

Date Issued : 01/30/2020

SDS No : ZSPR SOPS

Zurich Shield Premier Spray On Paint Sealant

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Zurich Shield Premier Spray On Paint Sealant**GENERAL USE:** Automotive paint protection**CHEMICAL FAMILY:** Mixture**MANUFACTURER**

APS
7455 FM 3009
Schertz, TX 78154
Customer Service: 210-564-3200

24 HR. EMERGENCY TELEPHONE NUMBERS

INFOTRAC (US Transportation): 800-535-5053
Poison Control Center (Medical): 877-800-5553

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Not classified.

GHS LABEL

The mixture does not meet the criteria for classification under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

PRECAUTIONARY STATEMENTS**Prevention:**

9470YS4V: Observe good industrial hygiene practices.

Response:

6458G8LP: Wash hands thoroughly after handling.

Storage:

88762XVK: Store away from incompatible materials.

Disposal:

3912LZZT: Dispose of contents/container in accordance with local, state and federal regulations.

EMERGENCY OVERVIEW**IMMEDIATE CONCERNS:** May cause eye and skin irritation.**POTENTIAL HEALTH EFFECTS****EYES:** Contact may cause eye irritation.**SKIN:** May cause skin irritation. Allergic reactions are possible.**INGESTION:** Health injuries are not known or expected under normal use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.**INHALATION:** Repeated or excessive inhalation of spray or mist may cause respiratory tract irritation.

MEDICAL CONDITIONS AGGRAVATED: Dermatitis may be aggravated by excessive exposure to skin.

ROUTES OF ENTRY: Include skin contact, eye contact, inhalation and ingestion.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt.% | CAS |
|---|----------|-------------|
| Hydrotreated Middle Petroleum Distillates | 1 - 10 | 64742-46-7 |
| Polydimethylsiloxane | 1 - 10 | 63148-62-9 |
| 2-propanol | 0.1 - 1 | 67-63-0 |
| Ceramic Compound | 0.1 - 10 | Proprietary |

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Flush affected area with water. If irritation persists, get medical attention. Wash contaminated clothing before reuse.

INGESTION: If swallowed, do NOT induce vomiting, give several glasses of water - get medical attention/advice if you feel unwell.

INHALATION: Move to fresh air. Call a physician if symptoms develop or persist.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: May include redness, swelling, pain, tearing, and blurred or hazy vision.

SKIN: May include localized redness, swelling, and itching.

INGESTION: May include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

INHALATION: May include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not yet Determined

EXTINGUISHING MEDIA: Water, water fog, foam, dry chemical power, carbon dioxide (CO₂).

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, silicone dioxide and traces of other toxic substances cannot be excluded.

OTHER CONSIDERATIONS: Water or foam may cause frothing which can be violent especially if sprayed in containers of hot, burning liquid.

FIRE FIGHTING PROCEDURES: Avoid flow of material into drains. Use a water spray to cool fire-exposed containers. Do not enter any enclosed or confined space without proper PPE.

FIRE FIGHTING EQUIPMENT: Firefighters should wear self contained breathing apparatus as some toxic decomposition products may result from fire conditions.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wipe up liquid with papertowel. Clean surface thoroughly to remove residual contamination.

LARGE SPILL: Confine spill by diking or impoundment. Clean up spill by absorbing with an inert material such as sand, soil, sawdust, oil dry or vermiculite. Sweep up absorbant and dispose according to regulatory requirements. Ventilate area to avoid breathing vapors or dust.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Keep spills and cleaning runoffs out of municipal sewers and open bodies of water if safe to do so.

LAND SPILL: Prevent further leakage or spillage if safe to do so.

7. HANDLING AND STORAGE

HANDLING: Use care in handling. Avoid contact with eyes, skin, and clothing. Avoid release to the environment. Follow label directions.

STORAGE: Do not store near strong oxidants or open flames. Store in original container protected from direct sunlight in a dry, cool, well-ventilated area and away from food and drink. Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) | | | | |
|---|-----------------|------|-----|-------------------|
| Chemical Name | EXPOSURE LIMITS | | | |
| | Type | | ppm | mg/m ³ |
| Hydrotreated Middle Petroleum Distillates | OSHA PEL | TWA | [1] | 5 [1] |
| 2-propanol | OSHA PEL | TWA | 400 | 980 |
| | | STEL | 500 | 1225 |
| | ACGIH TLV | TWA | 400 | 983 |
| | | STEL | 500 | 1230 |
| Footnotes: | | | | |
| 1. Mist | | | | |

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: If contact is likely, safety glasses with side shields are recommended.

SKIN: If prolonged or repeated contact is likely, protective gloves are recommended.

RESPIRATORY: Not normally needed. If ventilation is not sufficient to effectively prevent buildup of vapor/mist, appropriate NIOSH/MSHA respiratory protection should be provided.

WORK HYGIENIC PRACTICES: Wash thoroughly after using with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Slight solvent odor

ODOR THRESHOLD: Not Available

APPEARANCE: Brown liquid

pH: 5 to 7

FLASH POINT AND METHOD: > 100°C (212°F) Closed Cup

FLAMMABLE LIMITS: Not Available

AUTOIGNITION TEMPERATURE: Not Available

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: 100°C (212°F)

Zurich Shield Premier Spray On Paint Sealant

FREEZING POINT: 0°C (32°F)

THERMAL DECOMPOSITION: Not Available

SOLUBILITY IN WATER: Completely soluble

EVAPORATION RATE: Not Available

SPECIFIC GRAVITY: 0.99

VISCOSITY: Similar to water

(VOC): 5.9 %

10. STABILITY AND REACTIVITY

REACTIVITY: This product is stable and non-reactive under normal conditions of use, storage and transport.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

STABILITY: Stable under normal storage and handling conditions.

CONDITIONS TO AVOID: Keep away from extreme heat, strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Upon decomposition this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

INCOMPATIBLE MATERIALS: Strong acids.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

| Chemical Name | ORAL LD ₅₀ | DERMAL LD ₅₀ | INHALATION LC ₅₀ |
|---------------|-----------------------|-------------------------|-----------------------------|
| 2-propanol | 5500 mg/kg (Rat) | > 12800 mg/kg (Rabbit) | > 10000 mg/l (Rat) |

SERIOUS EYE DAMAGE/IRRITATION: Prolonged inhalation may be harmful.

CARCINOGENICITY

NOTES: The ingredients of this product are not classed as carcinogenic by ACGIH, IARC, OSHA or NTP.

REPRODUCTIVE TOXICITY: This product is not expected to cause reproductive or developmental effects.

STOT-SINGLE EXPOSURE: Not classified.

GENERAL COMMENTS: This product has no known adverse effect on human health.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Waste must be disposed of in accordance with federal, state and local waste disposal regulations.

EMPTY CONTAINER: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

Zurich Shield Premier Spray On Paint Sealant

PROPER SHIPPING NAME: Not regulated by the US Department of Transportation as a hazardous material.

VESSEL (IMO/IMDG)

SHIPPING NAME: Not regulated as dangerous goods.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: None

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: Not listed

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All components of this product are listed or exempt from listing on TSCA Inventory.

CALIFORNIA PROPOSITION 65: This product does not contain any substances which are known to the state of California to cause cancer, birth defects, or other reproductive effects.

OSHA HAZARD COMM. RULE: This product is not classified as a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

CLEAN WATER ACT: Not Regulated.

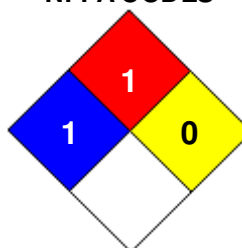
16. OTHER INFORMATION

PREPARED BY: APS Compliance Office **Date Prepared:** 01/30/2020

HMS RATING

| | | |
|----------------------------|--|----------|
| HEALTH | | 1 |
| FLAMMABILITY | | 1 |
| PHYSICAL HAZARD | | 0 |
| PERSONAL PROTECTION | | A |

NFPA CODES



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