

SAFETY DATA SHEET



Date Prepared : 05/04/2016

MSDS No : ZS eP SP

Zurich Shield elitePlus Spray On Paint Sealant

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Zurich Shield elitePlus Spray On Paint Sealant**GENERAL USE:** Automotive paint protection**GENERIC NAME:** 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 STATEMENT(S)**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.

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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 - 3	64742-46-7
Polydimethylsiloxane	1 - 3	63148-62-9
2-propanol	0.1 - 1	67-63-0

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

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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 PELs or 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

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VAPOR DENSITY: Not Available

BOILING POINT: 100°C (212°F)

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): 5.900 %

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 (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
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)**

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 HAZARD CATEGORIES: None

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

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).

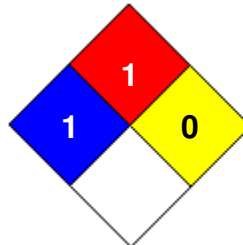
CLEAN WATER ACT: Not Regulated.

16. OTHER INFORMATION

PREPARED BY: APS Compliance Office **Date Prepared:** 05/04/2016

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	A

NFPA CODES

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