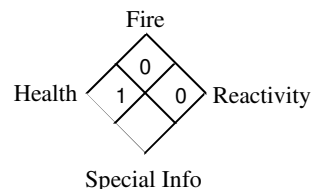


WHMIS Code

N/A
None

Material Safety Data Sheet

Zurich Shield Vinyl Leather Renewer



Section 1 - Material Identification and Use

Manufacturer's Name..... **APS**
 Manufacturer's Address..... 7455 FM 3009 Schertz TX 78154
 Emergency Phone Number..... INFOTRAC 1-800-535-5053 24 Hours Per Day, 7 Days Per Week
 Supplier Name and Identifier..... **Zurich Shield**
 Supplier's Address..... 7455 FM 3009 Schertz TX 78154
 MSDS Prepared By Ronnie L. Meadows (210) 564-3200
 Trade Name..... **Zurich Shield Vinyl Leather Renewer**
 Product Use..... Vinyl and leather protectant and conditioner

Section 2 - Hazardous Ingredients of Material

No.	Chemical Identity	Concentration	CAS	PEL	TLV	STEL	IDLH
1	Propylene Glycol	Trade Secret	57-55-6				
2	Poly (Dimethylsiloxane)	Trade Secret	63148-62-9				
3	Glycerine	Trade Secret	56-81-5	5(td)/5(rf) mg/m	10 mg/m ³	-	-
5	Nonylphenoxypoly (Oxyethylene) Ethanol	Trade Secret	9016-45-9				
6	Water	Trade Secret	7732-18-5				

NA = Not Applicable ND = No Data Available < = Less Than > = More Than * Ceiling Value ** Chemical Believed to be a Potential Carcinogen (NIOSH)

Section 3 - Hazardous Identification

EYE	<input checked="" type="checkbox"/>	This chemical may affect the eye or visual capacity	WHMIS Warning: <div style="text-align: center;">None</div>
SKIN	<input checked="" type="checkbox"/>	This chemical may affect the dermal layer of the body	
LUNGS	<input checked="" type="checkbox"/>	This chemical may irritate or damage pulmonary tissue	
NERVOUS SYSTEM	<input type="checkbox"/>	This chemical may produce a toxic affect on the nervous system	
REPRODUCTIVE	<input type="checkbox"/>	May affect reproductive capabilities including mutations and effects on the fetus.	
BLOOD	<input type="checkbox"/>	This chemical may act on the blood or hematopoietic system; decrease hemoglobin function; deprive tissue of oxygen	
LIVER	<input type="checkbox"/>	This chemical may produce liver damage - Hepatotoxins	
KIDNEYS	<input type="checkbox"/>	This chemical may produce kidney damage - Neprotoins	

Section 4 - First Aid Measures

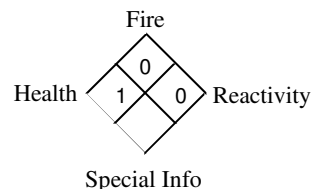
INGESTION	<input checked="" type="checkbox"/>	DO NOT induce vomiting. Rinse mouth with water and give plenty of milk. Never give liquids to an unconcious victim - Seek Immediate Medical Attention
EYE CONTACT	<input checked="" type="checkbox"/>	Flush immediately with plenty of water for at least 15 minutes - Seek Medical Attention
SKIN CONTACT	<input checked="" type="checkbox"/>	Wash thoroughly with soap and water - Seek Medical Attention if irritation persists
INHALATION	<input checked="" type="checkbox"/>	Remove to fresh air. If breathing is difficult give oxygen - If not breathing give artificial respiration -Get Medical Attention
SPECIAL	<input type="checkbox"/>	None Identified

WHMIS Code

N/A
None

Material Safety Data Sheet

Zurich Shield Vinyl Leather Renewer



Section 5 - Fire-Fighting Measures

Flashpoint F

N/A

Flashpoint C

N/A

Upper Explosion Limit

Not Determined

Lower Explosion Limit

Not Determined

Auto-Ignition Temp.

Not Determined

Extinguishing Media

Carbon dioxide, dry chemical, water fog, water spray, foam.

DO NOT USE WATER

Special Fire Fighting Procedures

Use self contained breathing apparatus when fighting large fires.

Section 6 - Accidental Release Measures

Spill and Leak Requirements

Small leaks-mop up, wipe up, or soak up immediately. Large spills-contain material and ventilate area. Do not dump into sewers, on the ground, or into any body of water.

Section 7 - Handling and Special Storage

Handling and Special Storage

Keep containers closed when not in use. Store in a cool place with adequate ventilation. Storage location should be constructed for containment and dilution/neutralization of spills.

Additional Storage Requirements

Section 8 - Exposure Controls and Personal Protection

Eye Protection

Wear approved eye protection to safeguard against potential eye contact, irritation or injury. Use chemical goggles if material is to be sprayed.

Skin Protection

Wear chemical resistant gloves, suits, aprons, and boots to safeguard against potential skin contact, irritation or injury.

Comments

None needed with proper engineering controls. Use when concentrations exceed the PEL/TLV. Maintain ventilation to keep vapor concentration below the PEL/TLV.

Section 9 - Physical and Chemical Properties

Physical State

Liquid

Odor and Appearance

Opaque - Sweet odor

Specific Gravity

0.9989

Vapour Pressure

Not Determined

Vapour Density

Not Determined

Evaporation Rate

1

Boiling Point

104 C

Freezing Point

Not Determined

pH

Not Determined

Density (g/ml)

Not Determined

Section 10 - Stability and Reactivity

Stability



Material is Stable



Material is NOT Stable

Incompatibility

Strong Oxidizing Material

Hazardous Decomposition Products

Thermal decomposition may yield carbon monoxide and/or carbon dioxide

Hazardous Polymerization



May Occur



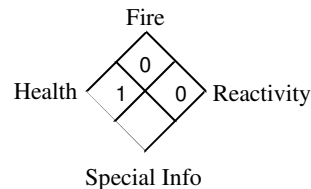
Will NOT Occur

WHMIS Code

N/A
None

Material Safety Data Sheet

Zurich Shield Vinyl Leather Renewer



Section 11 - Toxicological Information

Acute Over Exposure Effects	Not Determined
Chronic Over Exposure Effects	Not Determined
Eye Contact	Direct contact may irritate seriously with moderate to severe redness, swelling and some corneal injury lasting several days to a week.
Skin Contact	A single short exposure (less than 24 hours) may irritate. Repeated prolonged contact (24 to 48 hours) may irritate moderately.
If Inhaled	Irritates respiratory passages and eyes very slightly.
If Swallowed	Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may cause digestive discomfort.

Section 12 - Ecological Information

Section 13 - Disposal Considerations

Dispose in accordance with local, state, and federal regulations.

Section 14 - Transportation Information

Ship as per DOT requirements in 49 CFR. Ship in accordance with local, state, and federal regulations.

Section 15 - Regulatory Information

No.	Chemical Identity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	Propylene Glycol																						X
2	Poly (Dimethylsiloxane)																						
3	Glycerine																						X
5	Nonylphenoxypoly (Oxyethylene) Ethanol																						
6	Water																						

(1) EHS-RQ (2) CERCLA (3) RQ (4) CAA 122r (5) TPQ (6) FIFRA (7) RCRA Code (8) Cal-CARC (9) Priority Pollutant (10) Cal-Well Monitoring (11) SARA 313 (12) SARA 302 (13) MCL (14) Cal-HOT SPOT (15) Cal-Drinking Water (16) Cal-Toxic Air (17) NESHAP (18) Cal-Prop 65 (19) DOT Inhalation (20) Director's List (21) EPA Air (22) Cal-Reg Pest.

An "X" in Column 11 indicates that this product contains a toxic chemical subject to the reporting requirements of Section 313 of EPCRA (40 CFR 372)

MSDS No.	18	Date Reviewed	2/9/2004	Prepared By	Ronnie L. Meadows
Trade Name	Zurich Shield Vinyl Leather Renewer	Supersedes	2/9/2004	Phone Number	(210) 564-3200

TLV - Threshold Limit Value. An estimate of the average safe airborne concentration of a substance in representative conditions under which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect. TLVs are published annually by the ACGIH (American Conference of Governmental Industrial Hygienists).
 PEL - Permissible Exposure Limit. The OSHA limit of employee exposure to chemicals; found primarily in 29 CFR 1910.1000.
 STEL - Short Term Exposure Limit. The maximum concentration for a continuous 15-minute exposure period.
 IDLH - Immediately Dangerous to Life and Health. The concentration of a airborne chemical which may cause irreversible health effects or death.
 Ceiling - The maximum allowable concentration to which an employee may be exposed.

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