

# SAFETY DATA SHEET

This SDS is prepared in accordance with OSHA 29 CFR 1910.1200



## Section 1. Identification

<b>PRODUCT IDENTIFIER</b>	<b>PRO PREMIUM - ES</b>	Code	Mixture
		CAS #	Mixture
<b>RECOMMENDED USE</b>	SURFACE COATING PRODUCT		
	For Industrial use only. Not recommended for Medical Device or Drug use.	<b>In Case of Emergency</b>	Chemtel
<b>MANUFACTURER / SUPPLIER</b>	e9 TREATMENTS 159 Enterprise Parkway, Boerne, TX - 78006 P: 210-742-1051	(US/Canada)	1-800-255-3924
		(International)	+01-813-248-0585

## Section 2. Information on Hazardous Ingredients

### Classification of the substance or mixture

STOT SE 3;H336	May cause drowsiness or dizziness.						
EYE DAMAGE. 2B; H320	Causes eye irritaion.						
ACUTE TOXICITY. 4; H332	Harmful if inhaled.						
SKIN IRRITANT. 2; H315	Causes skin irritation						

### Label Elements

SIGNAL WORD	<b>WARNING</b>
PICTOGRAM	

### Hazard Statement

H336	May cause drowsiness and dizziness.
H332	Harmful if inhaled.
H315	Causes skin irritation.
H320	Causes eye irritation.

### PRECAUTIONARY STATEMENTS

<b>PREVENTION</b>	P261 Avoid breathing dust, fume, gas, mist, vapors, spray. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves, eye protection, and face protection.
<b>RESPONSE</b>	P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P304+352 IF ON SKIN: Wash with plenty of soap and water.  P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  P337+313 If eye irritation persists: Get medical advice or attention. P362 Take off contaminated clotng and wash before reuse. P332+313 If skin irritation occurs: Get medical attention.  P312 Call a POISON CENTER, doctor or physician if you feel unwell.
<b>STORAGE</b>	Store in a well-ventilated place. Keep Cool. P403+233 Store in a well ventilated place. Keep container tightly closed. P405 Store locked up.
<b>DISPOSAL</b>	P501 Dispose of contents or container in accordance with local and national regulations.

## Section 3. Composition / Information on ingredients

DESCRIPTION	LIQUID	C.A.S. NO.	% BY WT	GHS CLASSIFICATION
Fluoro Compound		Trade Secret*	<1%	
Proprietary Fluorinated Solvent		Proprietary*	75 - 99%	Asp. Tox. 2;H305 Skin Irrit. 2;H315 Eye Dam. 2B;H320 Acute Tox. 4;H332 STOT SE 3;H336

\*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.  
The full texts of the phrases are shown in Section 16.

## Section 4. First Aid Measures

### Description of first aid measures

<b>GENERAL</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>INHALATION</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>EYES</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>SKIN</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>INGESTION</b>	If swallowed obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

<b>Most Important Symptoms and effects, both acute and delayed</b>			
<b>OVERVIEW</b>	In high concentrations, vapors are anesthetic and may cause headache, fatigue, dizziness and central nervous effects. Treat symptomatically. Check section 2.2 (GHS Label Elements) for further details.		
<b>EYES</b>	Causes eye irritation.		
<b>SKIN</b>	Causes skin irritation.		
<b>INHALATION</b>	May cause drowsiness or dizziness.		
<b>Section 5. Fire Fighting Measures</b>			
<b>EXTINGUISHING MEDIA</b>	Non-combustible. Use fire extinguishing methods suitable to surrounding conditions. Foam. Dry chemical. Carbon dioxide.		
<b>SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE</b>	Containers can burst violently or explode when heated, due to excessive pressure build-up. Formation of toxic gases is possible during heating or in case of fire. Hydrogen fluoride (HF) Carbon monoxide Hydrogen Chloride Avoid breathing dust, fume, gas, mist, vapors, spray.		
<b>SPECIAL PROTECTIVE ACTIONS FOR FIRE FIGHTERS</b>	As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full-face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.  Avoid breathing fire vapors. Keep run-off water out of sewers and water sources. Dike for water control. Self-contained breathing apparatus (SCBA) and full protective clothing must be worn in case of fire.		
<b>Section 6. Accidental Release Measures</b>			
<b>PERSON PRECAUTIONS, PPE AND EMERGENCY PROCEDURES</b>	Put on appropriate personal protective equipment (see section 8).		
<b>ENVIRONMENTAL PRECAUTIONS</b>	Do not allow spills to enter sewers/ drains or waterways. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.		
<b>METHODS &amp; MATERIALS OF CONTAINMENT &amp; CLEANING</b>	Provide ventilation and confine spill. Do not allow runoff to sewer. Dam and absorb spillage with sand, sawdust or other absorbent. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.		
<b>Section 7. Handling and Storage</b>			
<b>PRECAUTIONS FOR SAFE HANDLING</b>	Handle containers carefully to prevent damage and spillage. Avoid breathing mist/vapors. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Wear appropriate protective equipment and work from the windward side as much as possible to prevent inhalation and contact with the eyes, skin and clothing. Do not perform transfer replenishment work where there is no ventilation. Efforts should be made to keep the working environment below the permissible concentration (see Exposure Control Measures) by controlling vapor emission as much as possible and providing appropriate ventilation. Rubber gloves such as nitrile rubber gloves and natural rubber gloves may cause solvent permeation. Avoid cleaning by hand washing directly.  Avoid spilling, skin and eye contact. Avoid inhalation of vapors and spray mists. Use with sufficient ventilation. Do not allow contact with open flame. Vapor reduces available oxygen for breathing and is heavier than air. Check Section 2.2 (GHS Label Elements) for further details - [prevention]		
<b>CONDITIONS FOR SAFE STORAGE</b>	Store locked up. Keep away from heat, sparks and open flame. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Avoid direct sunlight, keep container tightly closed, and store in a cool, dry and well-ventilated place. Due to the low boiling point, the container may expand under the hot summer weather, and liquid may squirt out from the inside when opened. It is necessary to take measures to prevent impact and damage due to invert.		
<b>INCOMPATIBLE MATERIALS</b>	Strong oxidizing substances. Incompatible with alkali or alkaline earth metals-powdered Al, Zn, Be, etc. Check section 2.2 (GHS Label Elements) for further details - [Storage]		
<b>Section 8. Exposure Controls/Personal Protection</b>			
<b>COMPONENT</b>	<b>CAS</b>	<b>SOURCE</b>	<b>VALUE</b>
Proprietary Fluorinated Solvent	Proprietary	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
<b>RESPIRATORY</b>	Long-term exposure limit (8-hour TWA): Manufacturer's recommended AEL: 50 ppm In case of insufficient ventilation, wear suitable respiratory equipment. Self-contained breathing apparatus is required if a large spill occurs.		
<b>EYES</b>	Wear tight-fitting safety glasses with side shields (chemical splash goggles) to protect the eyes. An eye wash station is suggested as a good workplace practice.		
<b>SKIN PROTECTION</b>	Wear protective gloves. Wear appropriate clothing to prevent repeated or prolonged skin contact. Always use Viton or other impermeable gloves for long term protection. Nitrile gloves are acceptable only for splash protection.		
<b>CLOTHING</b>	Select and use body protection to prevent contact when using the product in a manner that presents a higher potential for exposure.		
<b>ENGINEERING CONTROLS</b>	Normal ventilation for standard manufacturing procedures is generally adequate. Local exhaust should be used when large amounts are released. Vapors are heavier than air. Use with adequate ventilation to prevent vapor buildup in low lying areas. Proprietary Fluorinated Solvent - In all cases, worker exposure to all chemicals, should be kept as low as possible. No OSHA PEL has been published for this product. 50 ppm workplace exposure limit per manufacturers' recommendation (8 hr TWA).		
<b>OTHER WORK PRACTICES</b>	When using do not eat, drink or smoke. Wear apron or protective clothing in case of splashes. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.  Check section 2.2 (GHS Label Elements) for further details.		

Section 9. Physical and Chemical Properties					
Physical State and Appearance	Colorless liquid				
Odor	Faint				
Odor threshold	Not Determined				
pH	Not Measured				
Melting/Freezing Point	Not Measured				
Initial boiling point and boiling range	134 °F (56.2 °C)				
Flash point	None. ASTM 56				
Evaporation rate	Not Available				
Flammability (solid, gas)	Not Applicable				
Upper/lower flammability or explosive limits:	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured				
Vapor pressure	31 kPa (25°C)				
Vapor density	Not Measured				
Relative Density	1.47 g/ml (25°C)				
Solubility (in H <sub>2</sub> O)	Not Measured				
Partition coefficient: n-octanol/water	Not Measured				
Auto-ignition Temperature	Not Measured				
Decomposition temperature	Not Measured				
Viscosity	0.65 cPs				
Section 10. Stability and Reactivity Data					
REACTIVITY	Hazardous Polymerization will not occur.				
CHEMICAL STABILITY	Stable under normal circumstances				
POSSIBILITY OF HAZARDOUS REACTIONS	No data available.				
CONDITIONS TO AVOID	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Direct sunlight. Contact with incompatible materials. Will decompose when exposed to extreme elevated temperatures.				
INCOMPATIBLE MATERIALS	Strong oxidizing substances. Incompatible with alkali or alkaline earth metals-powdered Al, Zn, Be, etc.				
HAZARDOUS DECOMPOSITION PRODUCTS	Containers may rupture under high heat conditions. Hydrogen fluoride, carbon monoxide and carbon dioxide.				
Section 11. Toxicological Information					
ACUTE TOXICITY	Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).				
	Oral LD50, mg/kg	Skin LD50 (rat), mg/kg	Inhalation Vapor LC50 (rat), mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Proprietary Fluorinated Solvent	> 2,000.00, Rat - Category: NA	>2,000mg/kg	>24.8mg/L (3,010 ppm)	No Data Available	No Data Available
CARCINOGEN DATA					
Component	CAS No.	Source	Value		
Proprietary Fluorinated Solvent	Proprietary	OSHA	Regulated Carcinogen: No;		
		NTP	Known: No; Suspected: No;		
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;		
		ACGIH	No Established Limit		
Classification	Category	Hazard Description			
Acute toxicity (oral)	---	Not Applicable			
Acute toxicity (dermal)	---	Not Applicable			
Acute toxicity (inhalation)	4	Harmful if inhaled			
Skin corrosion/irritation	2	Causes skin irritation			
Serious eye damage/irritation	2B	Causes eye irritation			
Respiratory sensitization	---	Not Applicable			
Skin sensitization	---	Not Applicable			
Germ cell mutagenicity	---	Not Applicable			
Carcinogenicity	---	Not Applicable			
Reproductive toxicity	---	Not Applicable			
STOT-single exposure	3	May cause drowsiness or dizziness			
STOT-repeated exposure	---	Not Applicable			
Aspiration hazard	---	Not Applicable			
Section 12. Ecological Information					
TOXICITY	No additional information provided for this product. See Section 3 for chemical specific data.				
AQUATIC ECOTOXICITY					
Ingredient	96 hr. LC50 fish, mg/L	EbC50 algae, mg/L	ErC50 algae, mg/L		
Proprietary Fluorinated Solvent	> 76.00, Carp	>213mg/L	>213mg/L		
PERSISTENCE AND DEGRADABILITY	There is no data available on the preparation itself.				
BIOACCUMULATIVE POTENTIAL	Not biodegradable (OECD 301C). Activated sludge study: > 100 mg/L (OECD 209).				
MOBILITY IN SOIL	No data available				
RESULTS OF PBT AND vPvB ASSESSMENT	This product contains no PBT/vPvB chemicals				
OTHER ADVERSE EFFECTS	Mobility inhibition: (Daphnia Magna) 48 hr-EC50 > 94mg/L				

Section 13. Disposal Considerations				
WASTE TREATMENT METHOD		Observe all federal, state and local regulations when disposing of this substance. Do not allow product to reach sewage system or any water course.		
Section 14. Transport Information				
		<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
UN NUMBER		Not Regulated	Not Regulated	Not Regulated
UN PROPER SHIPPING NAME		Not Regulated	Not Regulated	Not Regulated
TRANSPORT HAZARD CLASS(ES)		DOT Hazard Class: Not Applicable	IMDG: Not Applicable	Air Class: Not Applicable
		Sub Class: Not Applicable	Sub Class: Not Applicable	Sub Class: Not Applicable
PACKING GROUP		Not Applicable	Not Applicable	Not Applicable
ENVIRONMENTAL HAZARDS	IMDG: Marine Pollutant: No			
SPECIAL PRECAUTIONS FOR USER	Not Applicable			
Section 15. Other Regulatory Information				
REGULAROTY OVERVIEW	The regulatory data in Section 15 is no intended to be all-inclusive, only selected regulation are represented.			
TOXIC SUBSTANCE CONTROL ACT (TSCA)	Listed in Inventory.			
EPCRA 302 EXTREMELY HAZARDOUS	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.			
EPCRA 313 TOXIC CHEMICALS	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.			
PROP 65 - CARCINOGENS(>0.0%)	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.			
PROP 65 - DEVELOPMENTAL TOXINS(>0.0%)	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.			
PROP 65 - FEMALE REPRO TOXINS(>0.0%)	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.			
PROP 65 - MALE REPRO TOXINS(>0.0%)	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.			
PROP 65 - LABEL WARNING	This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.			
Section 16. Other Information				
REVISION DATE	3/27/2024			
	The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We or any of our subsidiaries accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders. Final determination of suitability of any material is the sole responsibility of the user.			
THE FULL TEXT OF THE PHRASES APPEARING IN SECTION 3 IS:	H336 May cause drowsiness and dizziness H305 May be harmful if swallowed and enters airways. H315 Causes skin irritation. H320 Causes eye irritation. H332 Harmful if inhaled.			