

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND PREPARATION INFORMATION

Manufacturer: Dominion Sure Seal Group of Companies
6175 Danville Road, Mississauga, Ontario
Canada, L5T 2H7
(905)670-5411
U.S.A. 1-800-265-0790

Emergency telephone numbers: Dominion Sure Seal (8 AM TO 4 PM EST)
(905)670-5411
CANUTEC (24 HR)
(613) 996 – 6666

Product Name: Premium Gun Wash, 18.9 L (5 US gal)
Product Stock: UGW5
Product Code: 10070
Synonyms: Not Applicable
Chemical Family: Solvents
Molecular Formula: Mixture
Product Use: Paint Gun Cleaning
Prepared by: Regulatory Department
Preparation Date: June 1, 2014

2. HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS Number	Wt. %	TLV	LD50; mg/kg Route, Species	LC50; mg/m ³ Route, Species
Toluene	108-88-3	10 – 30	50 ppm	5,500; 7000 mg/kg (oral-rat) 12,270 mg/kg (dermal-rbt)	49,000mg/m ³ (rat,4h) 30,000mg/m ³ (mouse,2h) 19,900mg/ m ³ (mouse,7h)
Xylene (mixed isomers) *	1330-20-7	10 – 30	100 ppm	5,400 (oral-rat) 5251; 5627(oral-mouse); 12,180 (m-xylene; dermal-rbt)	6350; 6700 ppm (rat, 4h)
Methyl Ethyl Ketone	78-93-3	10 – 30	200 ppm	2737 (oral-rat) 3000 (oral-mouse) 6480 (dermal-rbt)	23,500mg/m ³ (8h-rat)

3. HAZARDOUS INGREDIENTS (continued)

Hazardous Ingredients	CAS Number	Wt. %	TLV	LD50; mg/kg Route, Species	LC50; mg/m3 Route, Species
Ethyl Acetate	141-78-6	10 – 30	400 ppm	5620; 6100 (oral-rat); 4100 (oral-mouse) >18,000 (dermal-rbt)	200,000(rat,1h) 44,000 (mouse, 3h) 45,000; 33,500 (mouse, 2h)
Acetone	67-64-1	5 – 15	750 ppm	5250 to 8400 (oral- var) >15,700(dermal-rbt)	50,100 (rat,8h)
n-Butyl Acetate	123-86-4	1 – 15	150 ppm	11,000; 13,100 (oral- rat) >14,400 (dermal-rbt)	>45,000(rat,4h) >21,400(rat,4h)
Isopropanol	67-63-0	1 – 15	200 ppm	4710 to 5840 (oral-rat) 12,870 (dermal-rbt)	72,600 (rat, 4h) 51,000 (rat, 8h)
Methanol	67-56-1	1 – 15	200 ppm (skin)	5628 (oral-rat) 15,800 (dermal-rbt)	64000ppm (rat,4h)
Heptane	142-82-5	1 – 15	500 ppm	Not Available	103,000(rat,4h)

* Xylene is known to contain 18 – 20% by weight Ethylbenzene CAS # 100-41-4.

2. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Clear, colorless
Odour	Ketone
Odour Threshold	N/A
Boiling Point (Deg.C)	56 (Start)
Melting/Freezing Point (Deg. C)	Not Available
Vapour Density (Air = 1)	> 1
Specific Gravity (Estimate)	0.85
Vapour Pressure (mm Hg)	Not Available
Evaporation Rate, n-Butyl Acetate = 1	> 1
pH	Not Applicable
Solubility in Water	Partially Miscible

4. FIRE AND EXPLOSION HAZARD

Flammability:	Yes
If Yes, Under Which Conditions:	Excessive heat, sparks and open flame.
Flammability Limits in Air (%):	2.5 – 12.8
Flash Point (deg.C)	-18 (Acetone; CC)
Autoignition Temperature (Deg. C):	>426
Hazardous Combustion Products:	Carbon monoxide, carbon dioxide.
Sensitivity to Mechanical Impact:	Not expected to be sensitive to mechanical impact.
Rate of Burning:	Not available.
Explosive Power:	Not available.
Sensitivity to Static Discharge:	Expected to be sensitive to static discharge when vapours in air are between the flammability limits.
Extinguishing Media:	Carbon Dioxide, dry chemical. In case of a large fire cool containers with water jet in order to prevent pressure build up, autoignition or explosion.

5. REACTIVITY DATA

Chemical Stability:	Yes, under normal conditions.
Compatibility with Other Substances:	No, with strong oxidizing agents.
Hazardous Products of Decomposition:	Carbon monoxide, carbon dioxide.
Hazardous Polymerisation:	Will not occur.

6. TOXICOLOGICAL PROPERTIES

Route of Entry:	
Skin Contact:	Yes
Skin Absorption:	Yes
Eye Contact:	Yes
Inhalation:	Yes
Ingestion:	Yes
Effects of Exposure:	Vapors may be irritating to the eyes, nose, throat and respiratory tract. Prolonged exposure to high vapor concentrations may be harmful and cause adverse effects including labored breathing, dizziness, drowsiness, headache and peripheral neuropathy. Eye contact will cause irritation. Repeated exposure may cause defatting of the skin resulting in irritation, itching, dryness and cracking of the skin. May be absorbed through the skin. Prolonged and repeated skin contact may lead to dermatitis. May be harmful if swallowed. Aspiration hazard.

Swallowing may cause irritation of the mouth and gastrointestinal tract, abdominal pain, nausea and diarrhea. Repeated exposure by inhalation or absorption of methanol may cause systemic poisoning, brain disorders, impaired vision and blindness.

Carcinogenicity of material:

Ethylbenzene is listed by IARC as 2B – The chemical is possibly carcinogenic to humans.

Reproductive effects:

Animal tests show that xylene is a possible reproductive hazard – may cause fetotoxicity. Animal tests show that toluene possibly causes toxicity to human reproduction or development.

Teratogenicity:

No information is available and no adverse Teratogenic effects are anticipated.

Mutagenicity:

No information is available and no adverse Mutagenic effects are anticipated.

Sensitization of the material:

Material is not expected to be a skin or respiratory sensitizer.

7. PREVENTIVE MEASURES

Eye Protection:

Chemical safety goggles with side shields is the minimum requirement.

Skin Protection:

Wear chemical resistant gloves.

Respiratory Protection:

Wear a NIOSH/MSHA approved respirator if exposure exceeds occupational limits (see Section 2).

Engineering Controls:

Exhaust ventilation is recommended if used indoors on continuous basis.

Leak/Spill Clean-Up Procedures:

Ventilate enclosed spaces. Collect product for disposal. Do not use combustible materials such as sawdust as an absorbent. Eliminate all sources of ignition. Notify applicable government authority if release is reportable or could adversely affect the environment.

Storage Instructions:

Keep away from moisture, heat, sparks, and open flames.

8. FIRST AID MEASURES

Eye Contact:

In case of eye contact, immediately flush eyes with running water for a minimum of 15 minutes. Hold eyelids open during flushing. If irritation persists, repeat flushing. Obtain medical attention immediately.

Skin Contact:

For skin, wash thoroughly with soap and water. If irritation develops, get medical attention.

Inhalation:

If affected by inhalation of vapour or spray mist, move to fresh air. Get medical attention if breathing is difficult.

Ingestion:

If swallowed, do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Rinse mouth with water. Drink 1-2 glasses of milk to dilute product. Water may be used instead but is not as effective. Never give anything by mouth to an unconscious person. Obtain medical attention immediately.

9. TRANSPORT INFORMATION

Proper Shipping Name:	Paint Related Material
UN Number:	1263
Class or Division:	3
Sub Risk:	Not Applicable
Packing Group:	II

10. REGULATORY INFORMATION

U.S. Federal Regulations**Occupational Safety and Health Administration (OSHA)****29 CFR 1910.1200 Hazard Category:**

Irritant – eyes; Flammable; target organ effects reported.

Toxic Substances Control Act (TSCA): All components of this product are included on the TSCA inventory.

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA) Hazardous Substances:

Chemical Name	CAS Number	Reportable Quantity (RQ)
Acetone	67-64-1	5000
Butyl Acetate	123-86-4	5000
Methyl Ethyl Ketone	78-93-3	5000
Toluene	108-88-3	1000
Xylene (mixed isomers)	1330-20-7	100
Ethylbenzene	100-41-4	1000
Ethyl Acetate	141-78-6	5000

CAA, Section 112 Hazardous Air Pollutants:

Chemical Name	CAS Number	Concentration
Toluene	108-88-3	10 – 30 %
Xylene (mixed isomers)	1330-20-7	10 – 30%
Methyl Ethyl Ketone	78-93-3	10 – 30%
Ethylbenzene	100-41-4	5 – 10 %

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA (EPCRA) Section 311/312 (40 CFR 370) Hazard Categories:

Immediate Hazard: Yes
 Delayed Hazard: Yes
 Fire Hazard: Yes
 Pressure Hazard: No
 Reactivity Hazard: No

This product contains the following extremely hazardous substance(s) subject to the reporting requirements of SARA (EPCRA) Section 302:

Chemical Name	CAS Number	Concentration
None	N/A	N/A

This product contains the following toxic chemical(s) subject to reporting requirements of SARA (EPCRA) Section 313 (40 CFR 372)

Chemical Name	CAS Number	Concentration
Toluene	108-88-3	10 – 30 %
Xylene (mixed isomers)	1330-20-7	10 – 30%
Ethylbenzene	100-41-4	5 – 10 %

State Regulations

California: This product contains the following chemicals(s) known to the State of California to cause cancer, birth defects or reproductive harm:

Component	CAS Number	Maximum %
Toluene	108-88-3	30 %
Ethylbenzene	100-41-4	10 %

International Regulations

Canadian Workplace Hazardous Materials Information System (WHMIS):

B2, D2B; D2A

Canadian Environmental Protection Act (DSL): All of the components of this product are included on the Canadian Domestic Substances list (DSL).

European Inventory of Existing Chemicals (EINECS): All of the components of this product are included on EINECS.

11. OTHER INFORMATION

This product is not for sale in California.

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. **This MSDS is valid for three years.**

The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Dominion Sure Seal assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material.