



Revision Date 02-Mar-2006

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product code YA6420
Product name Sham White
Recommended Use Coating

Supplier Drummond Canada
7315 Rapistan Court
Mississauga, ON L5N 5Z4

(800) 323-5922

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview

Flammable. Irritant.

Color White

Odor No information available

Form Aerosol

Aggravated Medical Conditions None Known.

Principal Routes of Exposure Inhalation. Eyes. Skin contact.

Potential health effects

Eyes May cause the following effects: Irritation. Redness. Itching. Burning sensation.

Skin Repeated or prolonged exposure may cause: Skin Irritation. Redness. Itching. Burning sensation.

Inhalation Repeated or prolonged exposure may cause the following effects. Headaches. Dizziness. Nausea. Upper respiratory tract irritation. Central nervous system effects. Loss of coordination. Extreme overexposure may cause. Possible unconsciousness. Death. Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

Ingestion May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Propane	74-98-6	10-30
Butane	106-97-8	10-30
Toluene	108-88-3	10-30
Acetone	67-64-1	10-30
Kaolinite, Hydrous Aluminum Silicate	1332-58-7	1-5
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	14807-96-6	1-5
Calcium Carbonate	471-34-1	7-13
Titanium dioxide	13463-67-7	7-13

4. FIRST AID MEASURES

Eye contact	Flush with plenty of water for at least 15 minutes. Seek medical attention.
Skin contact	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.
Ingestion	Do not induce vomiting. Immediate medical attention is required.
Inhalation	Remove from exposure. Restore breathing. Keep warm and quiet. Contact physician if breathing difficulty develops.

5. FIRE FIGHTING MEASURES

Flash point °C	< -17
Flash point °F	< 0
Method	No information available

Autoignition temperature °C	No data available
Autoignition temperature °F	

Flammability Limits (% in Air)	
Upper	12.8
Lower	1.0

Suitable extinguishing media
Carbon dioxide (CO₂). Dry chemical. Foam.

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Fire and Explosion Hazards

During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Water spray may be ineffective. If water is used, fog nozzles are preferable. Keep product and empty container away from heat and sources of ignition. Aerosol containers may vent, rupture or burst when heated to temperatures above 120°F. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Avoid breathing of vapors.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment.

Methods for cleaning up

Eliminate all sources of ignition. Ventilate area to maintain exposure below permissible exposure limits. Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling

Keep in a well-ventilated place. Turn off other sources of ignition prior to use and until all vapors have dissipated. Vapors may accumulate readily and may ignite explosively. Remove all sources of ignition. Keep away from open flame. Do not smoke. Check to make sure that all equipment is properly grounded and installed to satisfy electrical classification requirements. Ground and bond containers when transferring material. Contents under pressure. Do not puncture or incinerate. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Keep out of reach of children.

Storage

Store in temperatures below 120 degrees F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Toluene	200 ppm	300 ppm	50 ppm	-
Acetone	1000 ppm 2400 mg/m ³	-	500 ppm	750 ppm
Propane	1000 ppm 1800 mg/m ³	-	1000 ppm	-
Butane	800 ppm	-	1000 ppm	-
Calcium Carbonate	15 mg/m ³ total dust 5 mg/m ³ respirable fraction	-	10 mg/m ³	-
Titanium dioxide	15 mg/m ³ total dust	-	10 mg/m ³	-
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	-	-	2 mg/m ³	-
Kaolinite, Hydrous Aluminum Silicate	15 mg/m ³ total dust 5 mg/m ³ respirable fraction	-	2 mg/m ³	-

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits. Local: recommended. General: as necessary.

Hygiene measures

Wash hands before breaks and immediately after handling the product.

Other precautions

Avoid contact with the skin and the eyes This coating may contain materials classified as nuisance particulates (listed as dust in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film If no specific dusts are listed in section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction)

Personal protective equipment

Respiratory protection

Wear a NIOSH approved organic vapor/particulate respirator. None required unless sanding or abrading.

Hand Protection

Gloves are not required in normal use. The following gloves are recommended for prolonged or repeated contact: .
Chemical resistant gloves.

Eye protection

Wear safety glasses with side shields.

Skin and body protection

None necessary under normal conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

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Form	Aerosol	Color	White
Odor	No information available	Odor Threshold	No information available
pH	7.0	Specific Gravity	0.88
Vapor pressure	Not Applicable	Vapor density	>Air
Evaporation Rate	>1 (ether = 1)	VOC Content	1.25
Water solubility	No data available	Partition Coefficient (n-octanol/water)	No data available
		Boiling point/range °C	< -18 - 114
Boiling point/range °F	< 0 - 238	Melting point/range °C	Not Applicable
Melting point/range °F	Not Applicable	Flash point °C	< -17
Flash point °F	< 0		

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

None known.

Incompatibility

None known.

Hazardous Decomposition Products

Carbon dioxide. Carbon monoxide.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Toluene</i> 108-88-3	636 mg/kg	8390 mg/kg	12.5 mg/L 26700 ppm
<i>Acetone</i> 67-64-1	1800 mg/kg	20000 mg/kg	76 mg/L
<i>Propane</i> 74-98-6	-	658 mg/kg	-
<i>Butane</i> 106-97-8	-	-	658 g/m ³
<i>Calcium Carbonate</i> 471-34-1	6450 mg/kg	-	-
<i>Titanium dioxide</i> 13463-67-7	10000 mg/kg	-	-
<i>Talc (Mg₃H₂(SiO₃)₄)</i> 14807-96-6	230 mg/kg	-	-

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Kaolinite, Hydrous Aluminum Silicate</i> 1332-58-7	-	-	-

Synergistic Products

None known

Potential health effects**Sensitization**

None known .

Mutagenic effects

None known .

Reproductive toxicity

May cause adverse reproductive effects.

Chronic toxicity

See Section 2 .

Teratogenic effects

None known .

Target Organ Effects

Long term exposure to vapor may cause liver damage. Urinary system. Cardiovascular system. Nervous system.

Carcinogenic effects

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Toluene	Listed	Not Listed	Not Listed	Not Listed	Not Listed
Acetone	Listed	Not Listed	Not Listed	Not Listed	Not Listed
Propane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Calcium Carbonate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Titanium dioxide	Listed	Not Listed	Not Listed	Not Listed	Not Listed
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	Listed	Not Listed	Not Listed	Not Listed	Not Listed
Kaolinite, Hydrous Aluminum Silicate	Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

Toluene**Microtox Data***Photobacterium phosphoreum* EC₅₀=19.7 mg/L (30 min)**Water Flea Data**water flea EC₅₀=11.3 mg/L (48 h)water flea EC₅₀=310 mg/L (48 h)**Acetone****Water Flea Data**water flea LC₅₀=0.0039 mg/L (48 h)water flea EC₅₀=12700 mg/L (48 h)

13. DISPOSAL CONSIDERATIONS

Disposal Information

As supplied, this product is a RCRA Hazardous Waste . Waste must be tested for ignitability to determine EPA hazardous waste numbers. Do not puncture or incinerate. Depressurize before disposal.

Waste from residues / unused products

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

14. TRANSPORT INFORMATION

DOT

Consumer commodity (Acetone/Toluene/Propane/Butane), ORM-D

Exception: (Flammable Liquids PG II not more than 1.0L) Consumer Commodity ORM-D

TDG

UN1950 AEROSOLS, FLAMMABLE(Propane/Butane), Class 2.1

IMDG/IMO

UN1950 AEROSOLS, flammable (Propane/Butane/Acetone), Class 2.1

IATA

UN1950 Aerosols, flammable (Propane/Butane/Acetone), Class 2.1

MEX

UN1950 AEROSOLE (Propane/Isobutane), 2.1

15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
Toluene	Listed

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Toluene	Listed	Listed	Developmental
Acetone	Listed	Listed	
Propane	Listed	Listed	Not Listed
Butane	Listed	Listed	Not Listed
Calcium Carbonate	Not Listed	Listed	Not Listed
Titanium dioxide	Not Listed	Listed	Not Listed
Talc (Mg3H2(SiO3)4)	Not Listed	Listed	
Kaolinite, Hydrous Aluminum Silicate	Not Listed	Listed	Not Listed

Chemical Name	EINECS	DSL	NDSL	TSCA
Toluene	X	X	-	X
Acetone	X	X	-	X
Propane	X	X	-	X
Butane	X	X	-	X
Calcium Carbonate	X X	X	X	X
Titanium dioxide	X X X	X	-	X
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	X X	X	-	X
Kaolinite, Hydrous Aluminum Silicate	-	X	-	X

CPRC

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

NFPA		HMIS	
Health	-	Health	2
Flammability	-	Flammability	4
Reactivity	-	Physical Hazard	0

Prepared By

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.