



# Material Safety Data Sheet

Revision Date 24-Oct-2013

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product code** 98760  
**Product name** HSP Gloss White  
**Recommended Use** Coating

**Supplier** Lawson Products, Inc.  
 8770 W.Bryn Mawr Ave.- Suite 900  
 Chicago, IL 60631  
 1-866-529-7664

**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

Extremely flammable liquid and vapor. Contents under pressure. Irritating to eyes. Harmful by inhalation. Keep out of reach of children.

### Aggravated Medical Conditions

None Known.

### Principal Routes of Exposure

Eyes. Inhalation. Ingestion.

### Potential health effects

**Eyes** Irritating to eyes.

**Skin** Avoid contact with skin.

**Inhalation** Avoid breathing vapors or mists. Exposure to vapors may cause the following effects. Narcosis. Dizziness. Drowsiness. Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain damage. Central nervous system damage. Extreme overexposure may cause. Kidney damage. Lung damage. Liver damage. Cardiac abnormalities. Damage to blood. 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 %
Acetone	67-64-1	10-30
Propane	74-98-6	10-30

Titanium dioxide	13463-67-7	7-13
N-Butane	106-97-8	7-13
Barium Sulfate	7727-43-7	3-7
Methylisobutyl ketone	108-10-1	1-5
Ethylene glycol monopropyl ether	2807-30-9	1-5
Isobutyl acetate	110-19-0	1-5
Methyl Propyl Ketone	107-87-9	1-5
Xylene (mix)	1330-20-7	1-5
Carbon Black	1333-86-4	< 0.1
Ethyl benzene	100-41-4	< 0.1

## 4. FIRST AID MEASURES

**Eye contact** Remove to fresh air. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention if irritation persists.

**Skin contact** Wash area thoroughly with soap and water. Remove and wash contaminated clothing before re-use.

**Ingestion** Call a physician or Poison Control Center immediately.

**Inhalation** Move to fresh air. If symptoms persist, call a physician.

## 5. FIRE FIGHTING MEASURES

**Flash point °C** -19  
**Flash point °F** -2  
**Method** Pensky-Martens C.C.

**Autoignition temperature °C** Not Applicable  
**Autoignition temperature °F** Not Applicable

**Flammability Limits (% in Air)**  
**Upper** 10.9%  
**Lower** 1.7%

### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Dry powder. Water spray. Alcohol-resistant foam. Sand.

### 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**

Aerosol containers may vent, rupture or burst when heated to temperatures above 120°F. Vapors may form explosive mixture in air between upper and lower explosive limits which can be ignited by many sources, such as pilot lights, open flames, electrical motors and switches.

**Sensitivity to shock**

No information available.

**Sensitivity to static discharge**

Yes. Take precautionary measures against static discharges.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Use personal protective equipment. Evacuate personnel to safe areas. Ensure adequate ventilation.

**Methods for cleaning up**

Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate sections of MSDS for additional information. Evacuate area of unprotected and unnecessary personnel. Ventilate area to maintain exposure below permissible exposure limits. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs.

**7. HANDLING AND STORAGE****Handling**

Do not spray on a naked flame or any other incandescent material. Do not smoke. Protect against electrostatic charges.

**Storage**

Observe pressurized container storage regulations. Consult with local authorities..

**NFPA Storage Code**

Store as Level 3 Aerosol (NFPA 30B)

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Acetone	1000 ppm 2400 mg/m <sup>3</sup>	-	500 ppm	750 ppm
Propane	1000 ppm 1800 mg/m <sup>3</sup>	-	1000 ppm	-
Titanium dioxide	15 mg/m <sup>3</sup>	-	10 mg/m <sup>3</sup>	-
N-Butane	-	-	-	1000 ppm
Barium Sulfate	15 mg/m <sup>3</sup>	-	10 mg/m <sup>3</sup>	-
Methylisobutyl ketone	100 ppm 410 mg/m <sup>3</sup>	-	20 ppm	75 ppm
Ethylene glycol monopropyl ether	-	-	-	-

Isobutyl acetate	150 ppm 700 mg/m <sup>3</sup>	-	150 ppm	-
Methyl Propyl Ketone	200 ppm 700 mg/m <sup>3</sup>	-	-	150 ppm
Xylene (mix)	100 ppm 435 mg/m <sup>3</sup>	-	100 ppm	150 ppm
Carbon Black	3.5 mg/m <sup>3</sup>	-	3 mg/m <sup>3</sup>	-
Ethyl benzene	100 ppm 435 mg/m <sup>3</sup>	-	20 ppm	-

**Ventilation and Environmental Controls**

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits. Ensure adequate ventilation, especially in confined areas.

**Hygiene measures**

Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and immediately after handling the product.

**Respiratory protection**

None required if adequate ventilation is provided. Wear a NIOSH approved respirator when mixing or applying product in a poorly ventilated area. Use NIOSH approved respirator if TLV limit is exceeded.

**Hand Protection**

Chemical resistant gloves. Impervious gloves. Consult glove manufacturer to determine the proper type for a specific operation.

**Eye protection**

Tightly fitting safety goggles.

**Skin and body protection**

None necessary under normal conditions

**Other Protective Equipment**

An eye wash station should be available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	Aerosol
Color	White
Odor	Aromatic
Odor Threshold	No information available
pH	No data available
Specific Gravity	0.77-0.85
Vapor pressure	40 PSI, 2750 hPa
Vapor density	No data available
Evaporation Rate	No data available
Water solubility	No data available
VOC Content	45.9%; 495.5 g/l; 4.13 lb/gal
Solids content	35.4%
MIR value	1.05
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	-44
Boiling point/range °F	-47
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	-19
Flash point °F	-2

**10. STABILITY AND REACTIVITY****Stability**

Stable under normal conditions. Unstable at high temperatures. In use, may form flammable/explosive vapour-air mixture .

**Conditions to avoid**

Do not store in temperatures above 120 degrees F.

**Incompatibility**

None known.

**Hazardous Decomposition Products**

None known.

**Polymerization**

Hazardous polymerization does not occur

**11. TOXICOLOGICAL INFORMATION****Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Acetone 67-64-1	-	-	50100 mg/m <sup>3</sup>
Propane 74-98-6	-	-	658 mg/L
Titanium dioxide 13463-67-7	10000 mg/kg	-	-
N-Butane 106-97-8	-	-	658 g/m <sup>3</sup>
Barium Sulfate 7727-43-7	-	-	-
Methylisobutyl ketone 108-10-1	2080 mg/kg	16000 mg/kg	8.2 mg/L
Ethylene glycol monopropyl ether 2807-30-9	-	-	-
Isobutyl acetate 110-19-0	13400 mg/kg	17400 mg/kg	-
Methyl Propyl Ketone 107-87-9	-	-	-
Xylene (mix) 1330-20-7	4300 mg/kg	-	47635 mg/L
Carbon Black 1333-86-4	-	-	-
Ethyl benzene 100-41-4	3500 mg/kg	15354 mg/kg	17.2 mg/L

**Synergistic Products** None known

**Potential health effects**

**Sensitization** None known

**Chronic toxicity** See Section 2 .

**Mutagenic effects** None known

**Teratogenic effects** None known

**Reproductive toxicity** None known

**Target Organ Effects** Reports have associated prolonged overexposure to solvents with permanent brain and nervous system damage. Prolonged or repeated occupational overexposure may affect the following: Kidney. Lungs. Liver. Heart. Blood.

**Carcinogenic effects** See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Acetone	A4	Not Listed	Not Listed	Not Listed	Not Listed
Propane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Titanium dioxide	A4	Group 2B	Not Listed	Not Listed	Listed
N-Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Barium Sulfate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Methylisobutyl ketone	A3	Group 2B	Not Listed	Not Listed	Listed
Ethylene glycol monopropyl ether	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Isobutyl acetate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Methyl Propyl Ketone	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Xylene (mix)	A4	Not Listed	Not Listed	Not Listed	Not Listed
Carbon Black	A3	Group 2B	Not Listed	Not Listed	Listed
Ethyl benzene	A3	Group 2B	Not Listed	Not Listed	Listed

**12. ECOLOGICAL INFORMATION****Acetone****Microtox Data**

*Photobacterium phosphoreum* EC50=14500 mg/L (15 min)

**Water Flea Data**

*Daphnia magna* EC5010294 - 17704 mg/L (48 h)

*Daphnia magna* EC5012600 - 12700 mg/L (48 h)

**Methylisobutyl ketone****Microtox Data**

*Photobacterium phosphoreum* EC50=79.6 mg/L (5 min)

**Water Flea Data**

*Daphnia magna* EC50=170 mg/L (48 h)

**Isobutyl acetate****Water Flea Data**

*Daphnia magna* EC50=168 mg/L (24 h)

**Xylene (mix)****Microtox Data**

*Photobacterium phosphoreum* EC50=0.0084 mg/L (24 h)

**12. ECOLOGICAL INFORMATION****Water Flea Data**

*Gammarus lacustris* LC50=0.6 mg/L (48 h)  
water flea EC50=3.82 mg/L (48 h)

Carbon Black

**Water Flea Data**

*Daphnia magna* EC50>5600 mg/L (24 h)

Ethyl benzene

**Microtox Data**

*Photobacterium phosphoreum* EC50=9.68 mg/L (30 min)  
*Nitrosomonas* EC50=96 mg/L (24 h)

**Water Flea Data**

*Daphnia magna* EC501.8 - 2.4 mg/L (48 h)

**Aquatic toxicity** Hazardous for water, do not empty into drains.

**Ecotoxicity effects** This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PCF's), or chlorinated solvents.

**13. DISPOSAL CONSIDERATIONS****Disposal Information**

Dispose in accordance with federal, state, and local regulations. Do not puncture or incinerate. Do not heat or cut empty containers with electric or gas torches. Please recycle empty container whenever possible.

**Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations. Do not puncture or incinerate.

**14. TRANSPORTATION INFORMATION****DOT**

UN1950 Aerosols, flammable, 2.1. Consumer commodity, ORM-D.

**TDG**

UN1950 AEROSOLS, flammable, 2.1 Consumer commodity, ORM-D.

**15. REGULATORY INFORMATION**

Chemical Name	US EPA SARA 313 Emission Reporting
Barium Sulfate	Listed
Methylisobutyl ketone	Listed
Ethylene glycol monopropyl ether	Listed
Xylene (mix)	Listed
Ethyl benzene	Listed

**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Acetone	Not Listed	Listed	Not Listed
Propane	Listed	Listed	Not Listed
Titanium dioxide	Not Listed	Listed	Carcinogen

N-Butane	Not Listed	Listed	Not Listed
Barium Sulfate	Not Listed	Listed	Not Listed
Methylisobutyl ketone	Listed	Listed	Carcinogen
Ethylene glycol monopropyl ether	Not Listed	Not Listed	Not Listed
Isobutyl acetate	Listed	Listed	Not Listed
Methyl Propyl Ketone	Not Listed	Listed	Not Listed
Xylene (mix)	Not Listed	Listed	Not Listed
Carbon Black	Not Listed	Listed	Carcinogen
Ethyl benzene	Listed	Listed	Carcinogen

WARNING: This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm

**International Inventories**

Chemical Name	EINECS	DSL	NDSL	TSCA
Acetone	X	X	-	X
Propane	X	X	-	X
Titanium dioxide	X	X	-	X
N-Butane	X	X	-	X
Barium Sulfate	X	X	-	X
Methylisobutyl ketone	X	X	-	X
Ethylene glycol monopropyl ether	X	X	-	X
Isobutyl acetate	X	X	-	X
Methyl Propyl Ketone	X	X	-	X
Xylene (mix)	X	X	-	X
Carbon Black	X	X	-	X
Ethyl benzene	X	X	-	X

**CPR**

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**

Health - 1  
Flammability - 4  
Reactivity - 3

**HMIS**

Health - 1  
Flammability - 4  
Physical Hazard - 3

**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.