



## Material Safety Data Sheet

Revision Date 11-Oct-2016

### 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product code** 53365  
**Product name** HSP Flat Black  
**Recommended Use** Coating

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

**Emergency telephone number** 1 (888) 426-4851

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Extremely flammable. Harmful by inhalation.

#### Aggravated Medical Conditions

None Known.

#### Principal Routes of Exposure

Inhalation. Eyes. Ingestion.

#### Potential health effects

**Eyes** Contact with eyes may cause irritation. Swelling.

**Skin** Exposure to vapors may cause the following effects. Skin Irritation.

**Inhalation** Harmful by inhalation. Exposure to vapors may cause the following effects. Irritation of the nose or throat. Dizziness. Drowsiness. Headaches. Fatigue. Nausea. Lung damage. Changes in heart rate.

**Ingestion** Harmful or fatal if swallowed.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Acetone	67-64-1	10-30
Propane	74-98-6	10-30
Calcium Carbonate	1317-65-3	10-30
N-Butane	106-97-8	7-13
Methylisobutyl ketone	108-10-1	3-7
Light Aliphatic Naptha Solvent	64742-89-8	1-5
PM Acetate	108-65-6	1-5
Methyl Propyl Ketone	107-87-9	1-5
Ethylene glycol monopropyl ether	2807-30-9	1-5
Isobutyl acetate	110-19-0	1-5
Silicone Dioxide Amorphous Synthetic	112926-00-8	0.5-1.5

### 4. FIRST AID MEASURES

**Eye contact** Keep eye wide open while rinsing. If symptoms persist, call a physician.

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

**Ingestion** Contact physician or poison control center immediately.

**Inhalation** Remove to fresh air. Consult a physician.

### 5. FIRE FIGHTING MEASURES

**Flash point °C** -19  
**Flash point °F** -2  
**Method** No information available

**Autoignition temperature °C** No data available  
**Autoignition temperature °F** No data available

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

#### Suitable extinguishing media

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

Keep product and empty container away from heat and sources of ignition. Contents under pressure. 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. Empty containers contain residue and/or vapors. Do not weld, cut, pressurize, braze, solder, drill, grind, or expose such containers to heat, sparks, flame, static electricity, or other sources of ignition. They may explode and cause injury or death.

**Sensitivity to shock**

No information available.

**Sensitivity to static discharge**

Yes. Take precautionary measures against static discharges.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

Remove all sources of ignition. Ensure adequate ventilation.

**Methods for cleaning up**

Prevent product from entering drains. Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate sections of MSDS for additional information. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs. Do not flush with water or aqueous cleansing agents. Use diluted caustic solution. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

**7. HANDLING AND STORAGE**

**Handling**

Control airborne concentration below exposure level. Handle carefully to avoid damaging. Turn off other sources of ignition prior to use and until all vapors have dissipated. Do not spray on a naked flame or any other incandescent material. Do not smoke while using. Protect against electrostatic charges. Thoroughly wash hands and exposed skin after handling. Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities.

**Storage**

Small pressurized containers of flammable product may be stored in areas suitable for ordinary combustibles with respect to construction, drainage, control of ignition sources, and ventilation except that they should not be stored in basements. Keep away from direct sunlight. Keep away from heat. Do not freeze.

**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> ***	-	250 ppm***	500 ppm***
Propane	1000 ppm 1800 mg/m <sup>3</sup> ***	-	-	-
Calcium Carbonate	15 mg/m <sup>3</sup> 5 mg/m <sup>3</sup> ***	-	-	-
N-Butane	-	-	-	1000 ppm***
Methylisobutyl ketone	100 ppm 410 mg/m <sup>3</sup> ***	-	20 ppm***	75 ppm***
Light Aliphatic Naptha Solvent	-	-	-	-
PM Acetate	-	-	-	-
Methyl Propyl Ketone	200 ppm 700 mg/m <sup>3</sup> ***	-	-	150 ppm***
Ethylene glycol monopropyl ether	-	-	-	-
Isobutyl acetate	150 ppm 700 mg/m <sup>3</sup> ***	-	50 ppm***	150 ppm***
Silicone Dioxide Amorphous Synthetic	-	-	-	-

**Ventilation and Environmental Controls**

Ensure adequate ventilation, especially in confined areas.

**Hygiene measures**

Keep away from food, drink and animal feeding stuffs. Wear suitable gloves and eye/face protection. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

**Other precautions**

Avoid contact with eyes.

**Respiratory protection**

None required if adequate ventilation is provided. Recommended for confined environments. If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended. Seek professional advise prior to respirator selection and use.

**Hand Protection**

Gloves are recommended to prevent prolonged or repeated contact. 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.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form</b>	Aerosol
<b>Color</b>	Black
<b>Odor</b>	Solvent
<b>Odor Threshold</b>	No information available
<b>pH</b>	Not Applicable
<b>Specific Gravity</b>	0.77-0.85
<b>Vapor pressure</b>	40 PSI @ 70 F
<b>Density</b>	0.82512 g/cm3 @ 68°F
<b>Vapor density</b>	No data available
<b>Evaporation Rate</b>	No data available
<b>Water solubility</b>	No data available
<b>VOC Content</b>	518.9 g/l; 4.33 lb/gal
<b>Partition Coefficient (n-octanol/water)</b>	Not Applicable
<b>Boiling point/range °C</b>	-44
<b>Boiling point/range °F</b>	-47
<b>Melting point/range °C</b>	No data available
<b>Melting point/range °F</b>	No data available
<b>Flash point °C</b>	-19
<b>Flash point °F</b>	-2

**10. STABILITY AND REACTIVITY**

**Stability**

Stable under normal conditions.

**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	5800 mg/kg***	-	50100 mg/m <sup>3</sup> ***
Propane 74-98-6	-	-	658 mg/L***
Calcium Carbonate 1317-65-3	-	-	-
N-Butane 106-97-8	-	-	658 g/m <sup>3</sup> ***

Methylisobutyl ketone 108-10-1	2080 mg/kg***	3000 mg/kg***	8.2 mg/L***
Light Aliphatic Naptha Solvent 64742-89-8	-	3000 mg/kg***	-
PM Acetate 108-65-6	8532 mg/kg***	5 g/kg***	-
Methyl Propyl Ketone 107-87-9	1600 mg/kg***	6500 mg/kg 6480 mg/kg***	2000 ppm***
Ethylene glycol monopropyl ether 2807-30-9	3089 mg/kg***	870 mg/kg 960 µL/kg***	1530 ppm***
Isobutyl acetate 110-19-0	15400 mg/kg***	17400 mg/kg***	-
Silicone Dioxide Amorphous Synthetic 112926-00-8	5000 mg/kg***	2000 mg/kg***	2.2 mg/L***

**Synergistic Products**

None known.

**Specific Hazards**

Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

**Potential health effects**

**Sensitization**

None known.

**Chronic toxicity**

Repeated and prolonged exposure to solvents may cause brain and nervous system damage. See Section 2.

**Mutagenic effects**

None known.

**Teratogenic effects**

None known.

**Reproductive toxicity**

None known.

**Target Organ Effects**

Long term exposure to vapor may cause kidney damage. Long term exposure to vapor may cause liver damage. May cause damage to blood. Heart.

**Carcinogenic effects**

See table below.

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens

Acetone	A4 - Not Classifiable as a Human Carcinogen***	Not Listed	Not Listed	Not Listed	Not Listed
Propane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Calcium Carbonate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
N-Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Methylisobutyl ketone	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans**	Group 2B***	Not Listed	Not Listed	Listed***
Light Aliphatic Naptha Solvent	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PM Acetate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Methyl Propyl Ketone	Not Listed	Not Listed	Not Listed	Not Listed	Not 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
Silicone Dioxide Amorphous Synthetic	Not Listed	Group 3***	Not Listed	Not Listed	Not Listed

**12. ECOLOGICAL INFORMATION**

Acetone

**Microtox Data**

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

**Water Flea Data**

10294 - 17704: 48 h *Daphnia magna* mg/L EC50 Static 12600 - 12700: 48 h *Daphnia magna* mg/L EC50\*\*\*

Methylisobutyl ketone

**Microtox Data**

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

**Water Flea Data**

170: 48 h *Daphnia magna* mg/L EC50\*\*\*

PM Acetate

**Water Flea Data**

500: 48 h *Daphnia magna* mg/L EC50\*\*\*

Isobutyl acetate

**Water Flea Data**

168: 24 h *Daphnia magna* mg/L EC50\*\*\*

Silicone Dioxide Amorphous Synthetic

**Water Flea Data**

7600: 48 h *Ceriodaphnia dubia* mg/L EC50\*\*\*

**Aquatic toxicity** Harmful to aquatic organisms

**13. DISPOSAL CONSIDERATIONS**

**Disposal Information**

Dispose in accordance with federal, state, and local regulations. Do not puncture or incinerate. Dispose cans in non-incinerated trash.

**Waste from residues / unused products**

Dispose of in accordance with local regulations.

**Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORTATION INFORMATION**

**DOT**

UN1950 Aerosols, flammable, 2.1.

Exception: (Compressed Gas not more than 1.0L) Consumer Commodity ORM-D

**TDG**

UN1950 AEROSOLS, flammable, 2.1

**15. REGULATORY INFORMATION**

**US EPA SARA 313**

Chemical Name	US EPA SARA 313 Emission Reporting
Methylisobutyl ketone	Listed***
Ethylene glycol monopropyl ether	Listed***

**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Acetone	Listed***	Listed***	Not Listed
Propane	Listed***	Listed***	Not Listed
Calcium Carbonate	Listed***	Listed***	Not Listed
N-Butane	Listed***	Listed***	Not Listed
Methylisobutyl ketone	Listed***	Listed***	Carcinogen Developmental**
Light Aliphatic Naptha Solvent	Not Listed	Not Listed	Not Listed
PM Acetate	Not Listed	Not Listed	Not Listed
Methyl Propyl Ketone	Listed***	Listed***	Not Listed
Ethylene glycol monopropyl ether	Listed***	Listed***	Not Listed
Isobutyl acetate	Listed***	Listed***	Not Listed
Silicone Dioxide Amorphous Synthetic	Listed***	Listed***	Not Listed

**International Inventories**

Chemical Name	EINECS	DSL	NDSL	TSCA	Acetone
X***	X***	-	X***	Propane	X***
X***	-	X***	Calcium Carbonate	X***	-
X***	X***	N-Butane	X***	X***	-
X***	Methylisobutyl ketone	X***	X***	-	X***
Light Aliphatic Naptha Solvent	X***	X***	-	X***	PM Acetate
X***	X***	-	X***	Methyl Propyl Ketone	X***
X***	-	X***	Ethylene glycol monopropyl ether	X***	X***
-	X***	Isobutyl acetate	X***	X***	-
X***	Silicone Dioxide Amorphous Synthetic	-	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.

<b>16. OTHER INFORMATION</b>
------------------------------

**NFPA**

**Health** - 1  
**Flammability** - 4  
**Reactivity** - 3

**HMIS**

**Health** - 1  
**Flammability** - 4  
**Physical Hazard** - 3

**Prepared By**

V. Shargorodsky, Regulatory  
Affairs Engineer

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.