LAWSON
PRODUCTS, INC.

Material Safety Data Sheet

Revision Date *27-Sep-2013*

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code 53387
Product name HSP New Equipment Yellow
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. Harmful by inhalation. Irritating to eyes. Contents under pressure. Keep out of reach of children.

Aggravated Medical Conditions
None Known

Principal Routes of Exposure
Inhalation. Eyes. Ingestion.

Potential health effects

Eyes Irritating to eyes.

Skin No adverse affects expected.

Inhalation Avoid breathing vapors or mists. Repeated or prolonged exposure may cause the following effects:. Central nervous system damage. Brain damage. Narcosis. Kidney damage. Liver damage. Lung damage. Cardiac abnormalities. Damage to blood . Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

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
N-Butane	106-97-8	7-13
Barium Sulfate	7727-43-7	7-13
Ethylene glycol monopropyl ether	2807-30-9	3-7
Methylisobutyl ketone	108-10-1	3-7
Methyl Propyl Ketone	107-87-9	1-5
Xylene (mix)	1330-20-7	1-5
PM Acetate	108-65-6	1-5
Isobutyl acetate	110-19-0	1-5
Titanium dioxide	13463-67-7	1-5
Ethyl benzene	100-41-4	.1-1
Carbon Black	1333-86-4	.1-1

4. FIRST AID MEASURES

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. 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. Contact physician if breathing difficulty develops.

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 (CO2). 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.

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.

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..

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Methyl Propyl Ketone	200 ppm 700 mg/m^3	-	-	150 ppm
Acetone	1000 ppm 2400 mg/m^3	-	500 ppm	750 ppm
Propane	1000 ppm 1800 mg/m^3	-	1000 ppm	-
N-Butane	-	-	-	1000 ppm
Barium Sulfate	15 mg/m^3	-	10 mg/m^3	-
Ethylene glycol monopropyl ether	-	-	-	-
Methylisobutyl ketone	100 ppm 410 mg/m^3	-	20 ppm	75 ppm
Xylene (mix)	100 ppm 435 mg/m^3	-	100 ppm	150 ppm
PM Acetate	-	-	-	-
Isobutyl acetate	150 ppm 700 mg/m^3	-	150 ppm	-
Ethyl benzene	100 ppm 435 mg/m^3	-	20 ppm	-
Carbon Black	3.5 mg/m^3	-	3 mg/m^3	-
Titanium dioxide	15 mg/m^3	-	10 mg/m^3	-

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
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.

Environmental exposure controls
Do not allow material to contaminate ground water system.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Yellow
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	498.8 g/l; 4.16 lb/gl; 46.5%
Solids content	33.1%
MIR value	1.10
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.

Conditions to avoid
Do not store in temperatures above 120 degrees F.

Incompatability
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)
Methyl Propyl Ketone 107-87-9	-	-	-
Acetone 67-64-1	-	-	50100 mg/m^3
Propane 74-98-6	-	-	658 mg/L
N-Butane 106-97-8	-	-	658 g/m^3
Barium Sulfate 7727-43-7	-	-	-
Ethylene glycol monopropyl ether 2807-30-9	-	-	-
Methylisobutyl ketone 108-10-1	2080 mg/kg	16000 mg/kg	8.2 mg/L
Xylene (mix) 1330-20-7	4300 mg/kg	-	47635 mg/L
PM Acetate 108-65-6	8532 mg/kg	5 g/kg	-
Isobutyl acetate 110-19-0	13400 mg/kg	17400 mg/kg	-
Ethyl benzene 100-41-4	3500 mg/kg	15354 mg/kg	17.2 mg/L
Carbon Black 1333-86-4	-	-	-
Titanium dioxide 13463-67-7	10000 mg/kg	-	-

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.

Mutagenic effects None known

Teratogenic effects None known

Reproductive toxicity None known

Target Organ Effects Target Organ Effects. Heart. Lungs. Blood. Liver. Kidney. Brain. Central nervous system.

Carcinogenic effects See table below

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

Xylene (mix)

Microtox Data
Photobacterium phosphoreum EC50=0.0084 mg/L (24 h)
Water Flea Data
Gammarus lacustris LC50=0.6 mg/L (48 h)
water flea EC50=3.82 mg/L (48 h)

PM Acetate

12. ECOLOGICAL INFORMATION

Water Flea Data
Daphnia magna EC50>500 mg/L (48 h)

Isobutyl acetate

Water Flea Data
Daphnia magna EC50=168 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)

Carbon Black

Water Flea Data
Daphnia magna EC50>5600 mg/L (24 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.

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

14. TRANSPORTATION INFORMATION

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

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

15. REGULATORY INFORMATION

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

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Methyl Propyl Ketone	Not Listed	Listed	Not Listed
Acetone	Not Listed	Listed	Not Listed
Propane	Not Listed	Listed	Not Listed
N-Butane	Not Listed	Listed	Not Listed
Barium Sulfate	Not Listed	Listed	Not Listed
Ethylene glycol monopropyl ether	Not Listed	Not Listed	Not Listed
Methylisobutyl ketone	Listed	Listed	Carcinogen
Xylene (mix)	Not Listed	Listed	Not Listed
PM Acetate	Not Listed	Not Listed	Not Listed
Isobutyl acetate	Listed	Listed	Not Listed
Ethyl benzene	Listed	Listed	Carcinogen
Carbon Black	Not Listed	Listed	Carcinogen
Titanium dioxide	Not Listed	Listed	Carcinogen

International Inventories

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