



Material Safety Data Sheet

Revision Date 18-Jul-2012

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code P92097
Product name Rust-Prep Plus
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
Flammable. Irritant.

Aggravated Medical Conditions

Pre-existing respiratory disorders. Pre-existing pulmonary disorders. Cardiovascular conditions.

Principal Routes of Exposure

Skin. Inhalation. Ingestion.

Potential health effects

Eyes May cause the following effects: Severe irritation. Burning sensation.

Skin Repeated or prolonged exposure may cause: Severe irritation. Defatting.

Inhalation May cause the following effects. Nasal irritation. Irritating to respiratory system. Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

Ingestion May be harmful if swallowed. Nausea. Stomach distress. Vomiting.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Acetone	67-64-1	40-50
Propane/Isobutane/N-Butane	68476-86-8	25-35
Diethylene glycol	111-46-6	5-10
2-Butoxyethanol	111-76-2	5-10

Isopropyl alcohol	67-63-0	5-10
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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. Contact physician if breathing difficulty develops.

5. FIRE FIGHTING MEASURES

Flash point °C -17
Flash point °F 0
Method Tag Closed Cup

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

Flammability Limits (% in Air)

Upper 8.0
Lower 3.5

Suitable extinguishing media

Dry chemical powder.

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

Flammable . Contents under pressure. Keep product and empty container away from heat and sources of ignition. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat . Aerosol containers may vent, rupture or burst when heated to temperatures above 120°F.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES**Methods for cleaning up**

Eliminate all sources of ignition. Ventilate area to maintain exposure below permissible exposure limits. Soak up with inert absorbent material. Wipe or scrape up and dispose of spill. Dispose of absorbent in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE**Handling**

Keep in a well-ventilated place. Remove all sources of ignition. Keep away from open flame. Do not puncture or incinerate. Avoid contact with skin and eyes.

Storage

Store in temperatures below 120 degrees F (50 degrees C) . Keep tightly closed in a dry and cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
2-Butoxyethanol	50 ppm 240 mg/m ³	-	20 ppm	-
Acetone	1000 ppm 2400 mg/m ³	-	500 ppm	750 ppm
Diethylene glycol	-	-	-	-
Isopropyl alcohol	400 ppm 980 mg/m ³	-	200 ppm	400 ppm
Propane/Isobutane/N-Butane	-	-	-	N/D

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits.

Hygiene measures

Wash hands before breaks and immediately after handling the product.

Respiratory protection

None required if adequate ventilation is provided. In case of insufficient ventilation wear suitable respiratory equipment.

Hand Protection

Chemical resistant gloves.

Eye protection

Use safety eyewear designed to protect against splash of liquids.

Skin and body protection

None necessary under normal conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Form
Color

Aerosol
Clear Brown

Odor	Solvent
Odor Threshold	No information available
pH	Not Applicable
Specific Gravity	0.86
Vapor pressure	No data available
Density	No data available
Vapor density	>Air
Evaporation Rate	>1 (Butyl Acetate = 1)
Water solubility	Soluble in water
VOC Content	44%
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	No data available
Boiling point/range °F	No data available
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	-17
Flash point °F	0
Ignition temperature °C	Not Applicable
Ignition temperature °F	Not Applicable

10. STABILITY AND REACTIVITY**Stability**

Stable.

Conditions to avoid

Do not puncture, incinerate or expose to temperatures above 120 degrees F. Exposure to open flame.

Incompatibility

Alkalies. Strong oxidizers.

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)
2-Butoxyethanol 111-76-2	470 mg/kg	220 mg/kg 2270 mg/kg	2.21 mg/L 450 ppm
Acetone 67-64-1	5800 mg/kg	-	-
Diethylene glycol 111-46-6	12565 mg/kg	11890 mg/kg	-
Isopropyl alcohol 67-63-0	4396 mg/kg	12800 mg/kg 12870 mg/kg	72.6 mg/L

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Propane/Isobutane/N-Butane 68476-86-8	-	-	-

Water Flea Data*Daphnia magna* EC501698 - 1940 mg/L (24 h)*Daphnia magna* EC50>1000 mg/L (48 h)**Synergistic Products** None known**Specific Hazards** Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain damage.**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** See Section 2**Carcinogenic effects** See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
2-Butoxyethanol	A3	Not Listed	Not Listed	Not Listed	Not Listed
Acetone	A4	Not Listed	Not Listed	Not Listed	Not Listed
Diethylene glycol	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Isopropyl alcohol	A4	Not Listed	Not Listed	Not Listed	Not Listed
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not 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)**Diethylene glycol****Microtox Data***Photobacterium phosphoreum* EC50=29228 mg/L (15 min)**Water Flea Data***Daphnia magna* EC50=84000 mg/L (48 h)**2-Butoxyethanol**

12. ECOLOGICAL INFORMATION

Isopropyl alcohol

Microtox Data*Photobacterium phosphoreum* EC50=35390 mg/L (5 min)**Water Flea Data***Daphnia magna* EC50=13299 mg/L (48 h)**13. DISPOSAL CONSIDERATIONS****Disposal Information**

Do not puncture or incinerate. Wrap container and place in trash collection.

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

Chemical Name	US EPA SARA 313 Emission Reporting
2-Butoxyethanol	Listed
Isopropyl alcohol	Listed

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
2-Butoxyethanol	Listed	Listed	Not Listed
Acetone	Not Listed	Listed	Not Listed
Diethylene glycol	Not Listed	Listed	Not Listed
Isopropyl alcohol	Listed	Listed	Not Listed
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed

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
2-Butoxyethanol	X	X	-	X
Acetone	X	X	-	X
Diethylene glycol	X	X	-	X
Isopropyl alcohol	X	X	-	X
Propane/Isobutane/N-Butane	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**HMIS****Health - 2****Flammability - 4****Physical Hazard - 1****Prepared By**J. Cameron, Regulatory Affairs
Coordinator

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.