

MATERIAL SAFETY DATA SHEET

The Valvoline Company

Page 001

Date Prepared: 07/06/00

Date Printed: 07/03/06

MSDS No: 503.0171174-005.008

BLUE MAX ALL PURP

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: BLUE MAX ALL PURP

SAP Material No:

General or Generic ID: SILICONE EMULSIONS

Company

The Valvoline Company

P.O. Box 14000

Lexington, KY 40512

Telephone Numbers

Emergency: 1-800-274-5263

Information: 1-859-357-7206

2. COMPOSITION/INFORMATION ON INGREDIENTS

No Hazardous Ingredients

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye

Unlikely to cause eye irritation or injury.

Skin

Unlikely to cause skin irritation or injury.

Swallowing

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

MATERIAL SAFETY DATA SHEET

The Valvoline Company

Page 002

Date Prepared: 07/06/00

Date Printed: 07/03/06

MSDS No: 503.0171174-005.008

BLUE MAX ALL PURP

Inhalation

It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Breathing small amounts of this material is not likely to be harmful.

Symptoms of Exposure

stomach or intestinal upset (nausea, vomiting, diarrhea).

Target Organ Effects

No data

Developmental Information

No data

Cancer Information

No data

Other Health Effects

No data

Primary Route(s) of Entry

Skin contact.

4. FIRST AID MEASURES

Eyes

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

Skin

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

MATERIAL SAFETY DATA SHEET

The Valvoline Company

Page 003

Date Prepared: 07/06/00

Date Printed: 07/03/06

MSDS No: 503.0171174-005.008

BLUE MAX ALL PURP

Swallowing

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation

First aid is not applicable.

Note to Physicians

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (See Section 3 - Swallowing) when deciding whether to induce vomiting.

5. FIRE FIGHTING MEASURES

Flash Point

Not applicable

Explosive Limit

(for component) Lower 1.1 %

Autoignition Temperature

No data

Hazardous Products of Combustion

May form: carbon dioxide and carbon monoxide, silicon dioxide.

Fire and Explosion Hazards

Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

Extinguishing Media

alcohol foam, water fog.

MATERIAL SAFETY DATA SHEET

The Valvoline Company

Page 004

Date Prepared: 07/06/00

Date Printed: 07/03/06

MSDS No: 503.0171174-005.008

BLUE MAX ALL PURP

Fire Fighting Instructions

Water may be used to keep fire-exposed containers cool until fire is out. Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating

Health - 1, Flammability - 0, Reactivity - 0

6. ACCIDENTAL RELEASE MEASURES

Small Spill

Absorb liquid on vermiculite, floor absorbent or other absorbent material.

Large Spill

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred.

7. HANDLING AND STORAGE

Handling

Not applicable

Storage

Not applicable

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Wear safety glasses in compliance with OSHA regulations. (Consult your safety representative.)

MATERIAL SAFETY DATA SHEET

The Valvoline Company

Page 005

Date Prepared: 07/06/00

Date Printed: 07/03/06

MSDS No: 503.0171174-005.008

BLUE MAX ALL PURP

Skin Protection

Not normally required. Wear resistant gloves (consult your safety equipment supplier).

Respiratory Protections

Not required under normal conditions of use.

Engineering Controls

Not required under normal conditions of use.

Exposure Guidelines

No exposure limits established

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point

(for component) 212.0 F (100.0 C) @ 760 mmHg

Vapor Pressure

(for component) 17.500 mmHg @ 68.00 F

Specific Vapor Density

> 1.000 @ AIR=1

Specific Gravity

1.013 @ 77.00 F

Liquid Density

8.430 lbs/gal @ 77.00 F

1.013 kg/l @ 25.00 C

Percent Volatiles (Including Water)

No data

mac3601

MATERIAL SAFETY DATA SHEET

The Valvoline Company

Page 006

Date Prepared: 07/06/00

Date Printed: 07/03/06

MSDS No: 503.0171174-005.008

BLUE MAX ALL PURP

Evaporation Rate

SLOWER THAN ETHYL ETHER

Appearance

No data

State

LIQUID

Physical Form

HOMO SOLN

Color

WHITE

Odor

No data

pH

6.5 - 7.0

10. STABILITY AND REACTIVITY

Hazardous Polymerization

Product will not undergo hazardous polymerization.

Hazardous Decomposition

May form: carbon dioxide and carbon monoxide, silicon dioxide.

Chemical Stability

Stable.

Incompatibility

Avoid contact with: strong alkalies, strong mineral acids.

MATERIAL SAFETY DATA SHEET

The Valvoline Company

Page 007

Date Prepared: 07/06/00

Date Printed: 07/03/06

MSDS No: 503.0171174-005.008

BLUE MAX ALL PURP

11. TOXICOLOGICAL INFORMATION
No data

12. ECOLOGICAL INFORMATION
No data

13. DISPOSAL CONSIDERATION
Waste Management Information
Dispose of in accordance with all applicable local, state and federal regulations.

14. TRANSPORT INFORMATION
DOT Information - 49 CFR 172.101
DOT Description:
Not Regulated
Container/Mode:
CASES/SURFACE - NO EXCEPTIONS
NOS Component:
None
RQ (Reportable Quantity) - 49 CFR 172.101
Not applicable

15. REGULATORY INFORMATION
US Federal Regulations
CERCLA RQ - 40 CFR 302.4
None

MATERIAL SAFETY DATA SHEET

The Valvoline Company

Page 008

Date Prepared: 07/06/00

Date Printed: 07/03/06

MSDS No: 503.0171174-005.008

BLUE MAX ALL PURP

SARA 302 Components - 40 CFR 355 Appendix A
None
Section 311/312 Hazard Class - 40 CFR 370.2
Immediate(X) Delayed() Fire() Reactive() Sudden
Release of Pressure()
SARA 313 Components - 40 CFR 372.65
None

International Regulations
Inventory Status
Not determined
State and Local Regulations
California Proposition 65
None

16. OTHER INFORMATION
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.

mac3601

=====

MATERIAL SAFETY DATA SHEET

Effective Date: 6-6-02

Revision Date: none

Mac's Battery Terminal Protector

Code: SD

Page: 1

=====

Section 1 - Product and Company Identification

PRODUCT NAME: Mac's Battery Terminal Protector

MANUFACTURER'S NAME:

Specialty Division, Sprayon Products
26300 Fargo Avenue
Bedford Heights, OH 44146

EMERGENCY TELEPHONE NUMBER

(216)566-2917

MISCELLANEOUS INFORMATION

(800)832-2541

MATERIAL SAFETY DATA SHEET

Effective Date: 6-6-02

Revision Date: none

Mac's Battery Terminal Protector

Code: SD

Page: 2

Section 1 - Product and Company Identification - Continued

H1BAK1735 Battery Terminal Protector 1073*

MATERIAL SAFETY DATA SHEET Effective Date: 6-6-02 Revision Date: none
Battery Terminal Protector 1073* Code: SD Page: 1

Section 1 - Product and Company Identification PRODUCT NAME: Battery Terminal Protector 1073* MANUFACTURER'S NAME: EMERGENCY TELEPHONE NUMBER Specialty Division, Sprayon Products (216)566-2917 26300 Fargo Avenue Bedford Heights, OH 44146 MISCELLANEOUS INFORMATION (800)832-2541

Section 2 - Hazardous Ingredients % by WT CAS No. INGREDIENT UNITS VAPOR PRESSURE

- 9 74-98-6 Propane ACGIH TLV 2500 ppm 760 mm OSHA PEL 1000 ppm 21 106-97-8 Butane ACGIH TLV 800 ppm 760 mm OSHA PEL 800 ppm
14 64742-89-8 Lt. Aliphatic Hydrocarbon Solvent. ACGIH TLV 100 ppm 53 mm OSHA PEL 100 ppm 14 108-88-3 Toluene. ACGIH TLV 50 ppm (skin) 22 mm OSHA PEL 100 ppm (skin) OSHA PEL 150 ppm (skin) STEL 2 100-41-4 Ethylbenzene ACGIH TLV 100 ppm 7.1 mm ACGIH TLV 125 ppm STEL OSHA PEL 100 ppm OSHA PEL 125 ppm STEL 13 1330-20-7 Xylene. ACGIH TLV 100 ppm 5.9 mm ACGIH TLV 150 ppm STEL OSHA PEL 100 ppm OSHA PEL 150 ppm STEL 2 64742-94-5 Medium Aromatic Hydrocarbons. ACGIH TLV Not Available 0.12 mm OSHA PEL Not Available 16 67-64-1 Acetone. ACGIH TLV 500 ppm 180 mm ACGIH TLV 750 ppm STEL OSHA PEL 1000 ppm

MATERIAL SAFETY DATA SHEET Effective Date: 6-6-02 Revision Date: none
Battery Terminal Protector 1073* Code: SD Page: 2

Section 3 - Hazards Identification ROUTES OF EXPOSURE Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment. EFFECTS OF OVEREXPOSURE Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death. SIGNS AND SYMPTOMS OF OVEREXPOSURE Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None generally recognized. CANCER INFORMATION For complete discussion of toxicology data refer to Section 11.

Section 4 - First Aid Measures If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet. If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use. If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention. If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

MATERIAL SAFETY DATA SHEET Effective Date: 6-6-02 Revision Date: none
Battery Terminal Protector 1073* Code: SD Page: 3

Section 5 - Firefighting Measures FLASH POINT LEL UEL Propellant < 0 F 0.8 12.8 EXTINGUISHING MEDIA Carbon Dioxide, Dry Chemical, Foam UNUSUAL FIRE AND EXPLOSION HAZARDS Containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency

MATERIAL SAFETY DATA SHEET

Effective Date: 6-6-02

Revision Date: none

Mac's Battery Terminal Protector

Code: SD

Page: 3

Section 1 - Product and Company Identification - Continued

conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. SPECIAL FIRE FIGHTING PROCEDURES Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Environmental Release Measures STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage STORAGE CATEGORY NFPA 30B Level 3 Aerosol PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures. Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

MATERIAL SAFETY DATA SHEET Effective Date: 6-6-02 Revision Date: none Battery Terminal Protector 1073* Code: SD Page: 4

Section 8 - Exposure Controls/Personal Protection PRECAUTIONS TO BE TAKEN IN USE Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using. VENTILATION Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108. RESPIRATORY PROTECTION If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2. PROTECTIVE GLOVES

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves. EYE PROTECTION Wear safety spectacles with unperforated sideshields. OTHER PRECAUTIONS Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties PRODUCT WEIGHT 6.07 lb/gal 727 g/l SPECIFIC GRAVITY 0.73 BOILING POINT <0 - 415 F <-18 - 212 C MELTING POINT Not Available VOLATILE VOLUME 95 % EVAPORATION RATE Faster than ether VAPOR DENSITY Heavier than air SOLUBILITY IN WATER N.A. VOLATILE ORGANIC COMPOUNDS (VOC Theoretical) Volatile Weight 76.81 % Less Federally Exempt Solvents

Section 10 - Stability and Reactivity STABILITY -- Stable CONDITIONS TO AVOID

None known. INCOMPATIBILITY None known. HAZARDOUS DECOMPOSITION PRODUCTS By fire: Carbon Dioxide, Carbon Monoxide HAZARDOUS POLYMERIZATION Will not occur

MATERIAL SAFETY DATA SHEET

Effective Date: 6-6-02

Revision Date: none

Mac's Battery Terminal Protector

Code: SD

Page: 4

Section 1 - Product and Company Identification - Continued

MATERIAL SAFETY DATA SHEET Effective Date: 6-6-02 Revision Date: none
Battery Terminal Protector 1073* Code: SD Page: 5

Section 11 - Toxicological Information CHRONIC HEALTH HAZARDS Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary, cardiovascular and reproductive systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

74-98-6 Propane LC50 RAT 4HR Not Available LD50 RAT Not Available 106-97-8 Butane LC50 RAT 4HR Not Available LD50 RAT Not Available 64742-89-8 Lt. Aliphatic Hydrocarbon Solvent. LC50 RAT 4HR Not Available LD50 RAT Not Available 108-88-3 Toluene. LC50 RAT 4HR 4000 ppm LD50 RAT 5000 mg/kg 100-41-4 Ethylbenzene LC50 RAT 4HR Not Available LD50 RAT 3500 mg/kg 1330-20-7 Xylene. LC50 RAT 4HR 5000 ppm LD50 RAT 4300 mg/kg 64742-94-5 Medium Aromatic Hydrocarbons. LC50 RAT 4HR Not Available LD50 RAT Not Available 67-64-1 Acetone. LC50 RAT 4HR Not Available LD50 RAT 5800 mg/kg

Section 12 - Ecological Information
ECOTOXICOLOGICAL INFORMATION No data available.

MATERIAL SAFETY DATA SHEET Effective Date: 6-6-02 Revision Date: none
Battery Terminal Protector 1073* Code: SD Page: 6

Section 13 - Disposal Considerations WASTE DISPOSAL METHOD Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section 14 - Transport Information DOT: Consumer Commodity ORM-D IATA: Consumer Commodity ORM-D, 9, ID8000 IMDG: Aerosols, 2.1, UN1950, Ltd Qty

Section 15 - Regulatory Information SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION CAS No. CHEMICAL/COMPOUND % by WT % Element

108-88-3 Toluene. 14 100-41-4 Ethylbenzene 2 1330-20-7 Xylene. 13 CALIFORNIA PROPOSITION 65 WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. TSCA CERTIFICATION All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

mac3601

=====

MATERIAL SAFETY DATA SHEET

Effective Date: 6-6-02

Revision Date: none

Mac's Battery Terminal Protector

Code: SD

Page: 5

=====

Section 1 - Product and Company Identification - Continued

