

MATERIAL SAFETY DATA SHEET

Ashland

Page 001

Date Prepared: 08/18/05

Date Printed: 03/13/06

MSDS No: 303.0407735-001.001

PLIOGRIP SPRAYABLE MSP SEALER/BLACK

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: PLIOGRIP SPRAYABLE MSP SEALER/BLACK

Product Code: 599084

General or Generic ID: SEALANT

Company

Ashland
Ashland Distribution Co. &
Ashland Specialty Chemical Co.
P. O. Box 2219
Columbus, OH 43216
614-790-3333

Emergency Telephone Number:

1-800-ASHLAND (1-800-274-5263)
24 hours everyday

Regulatory Information Number:

1-800-325-3751

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient (s)	CAS Number	% (by weight)
ESTER	28553-12-0	5.0- 15.0
ALIPHATIC SOLVENT	64742-48-9	5.0- 15.0
CARBON BLACK	1333-86-4	1.0- 5.0

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye

May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

Skin

Can cause skin irritation. Symptoms may include redness and burning of skin, and other skin damage.

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 002

Date Prepared: 08/18/05

Date Printed: 03/13/06

MSDS No: 303.0407735-001.001

PLIOGRIP SPRAYABLE MSP SEALER/BLACK

Swallowing

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

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 during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

Symptoms of Exposure

No data

Target Organ Effects

No data

Developmental Information

There are no data available for assessing risk to the fetus from maternal exposure to this material.

Cancer Information

Carbon black has been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain. It is listed as a carcinogen by The International Agency for Research on Cancer (IARC). Epidemiological studies of the incidence of cancer, cardiovascular or respiratory disease in workers in the carbon black producing industry have shown no significant health effects due to occupational exposure to carbon black.

Other Health Effects

No data

Primary Route(s) of Entry

Inhalation, Eye 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.

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 003

Date Prepared: 08/18/05

Date Printed: 03/13/06

MSDS No: 303.0407735-001.001

PLIOGRIP SPRAYABLE MSP SEALER/BLACK

Skin

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

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

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Note to Physicians

No data

5. FIRE FIGHTING MEASURES

Flash Point

No data

Explosive Limit

(for product) Lower 7.0 Upper .4 %

Autoignition Temperature

No data

Hazardous Products of Combustion

May form: toxic fumes.

Fire and Explosion Hazards

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

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 004

Date Prepared: 08/18/05

Date Printed: 03/13/06

MSDS No: 303.0407735-001.001

PLIOGRIP SPRAYABLE MSP SEALER/BLACK

Extinguishing Media

regular foam (such as AFFF), alcohol resistant (AR) foam, water fog, carbon dioxide, dry chemical.

Fire Fighting Instructions

No data

NFPA Rating

Health - 2, Flammability - 1, Reactivity - 1

6. ACCIDENTAL RELEASE MEASURES

Small Spill

Eliminate all sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Persons not wearing proper personal protective equipment should be excluded from area of spill. Scoop or vacuum transfer spilled product to clean containers for recovery.

Large Spill

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Scoop or vacuum transfer spilled product to clean containers for recovery.

7. HANDLING AND STORAGE

Handling

Precautions during use: avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing impervious protective gloves. As with all products of this nature, good personal hygiene is essential. Hands and other exposed areas should be washed thoroughly with soap and water after contact, especially before eating and/or smoking. Regular laundering of contaminated clothing is essential to reduce indirect skin contact with this material.

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 005

Date Prepared: 08/18/05

Date Printed: 03/13/06

MSDS No: 303.0407735-001.001

PLIOGRIP SPRAYABLE MSP SEALER/BLACK

Storage

Store in a cool, dry, ventilated area. Keep containers closed when not in use. Keep from freezing. Do not store near extreme heat, open flame, or sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

Skin Protection

Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory Protections

Not required under normal conditions of use. If workplace exposure limit(s) of product or any component is exceeded (see exposure guidelines), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure. If overexposure has been determined or documented, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions. (See your safety equipment supplier.) Engineering or administrative controls should be implemented to reduce exposure.

Engineering Controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s). Not required under normal conditions of use. However, if unusual operating conditions exist, then provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below PEL/TLV (s).

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 006

Date Prepared: 08/18/05

Date Printed: 03/13/06

MSDS No: 303.0407735-001.001

PLIOGRIP SPRAYABLE MSP SEALER/BLACK

Exposure Guidelines

Component

ESTER (28553-12-0)

No exposure limits established

ALIPHATIC SOLVENT (64742-48-9)

OSHA VPEL 5.000 mg/m3 - TWA

ACGIH TLV 5.000 mg/m3 - TWA

CARBON BLACK (1333-86-4)

OSHA PEL 3.500 mg/m3 - TWA

OSHA VPEL 3.500 mg/m3 - TWA

ACGIH TLV 3.500 mg/m3 - TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point

No data

Vapor Pressure

(for product) < 7.500 mmHg @ 68.00 F

Specific Vapor Density

No data

Specific Gravity

1.482 @ 68.00 F

Liquid Density

12.000 lbs/gal @ 68.00 F

1.482 kg/l @ 25.00 C

Percent Volatiles

No data

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 007

Date Prepared: 08/18/05

Date Printed: 03/13/06

MSDS No: 303.0407735-001.001

PLIOGRIP SPRAYABLE MSP SEALER/BLACK

Evaporation Rate

No data

Appearance

No data

State

No data

Physical Form

PASTY

Color

BLACK

Odor

PETROL-LIKE

pH

No data

Solubility in Water

INSOLUBLE

10. STABILITY AND REACTIVITY

Hazardous Polymerization

Product can undergo hazardous polymerization.

Hazardous Decomposition

May form: methanol, nitrogen oxides, sulfur oxides.

Chemical Stability

No data

Incompatibility

No data

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 008

Date Prepared: 08/18/05

Date Printed: 03/13/06

MSDS No: 303.0407735-001.001

PLIOGRIP SPRAYABLE MSP SEALER/BLACK

11. TOXICOLOGICAL INFORMATION

No data

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATION

Waste Management Information

Deposit in a landfill in accordance with local, state and federal regulations. For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Ashland Distribution Company, IC&S Environmental Services Group at 800-531-7106.

14. TRANSPORT INFORMATION

DOT Information - 49 CFR 172.101

DOT Description:

NON-REGULATED BY D.O.T.

Container/Mode:

55 GAL DRUM/TRUCK PACKAGE

NOS Component:

None

RQ (Reportable Quantity) - 49 CFR 172.101

Not applicable

15. REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (UNITED STATES) The intentional ingredients of this product are listed.

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 009

Date Prepared: 08/18/05

Date Printed: 03/13/06

MSDS No: 303.0407735-001.001

PLIOGRIP SPRAYABLE MSP SEALER/BLACK

CERCLA RQ - 40 CFR 302.4(a)
None listed

SARA 302 Components - 40 CFR 355 Appendix A
None

Section 311/312 Hazard Class - 40 CFR 370.2
Immediate(X) Delayed(X) Fire() Reactive(X) Sudden
Release of Pressure()

SARA 313 Components - 40 CFR 372.65
None

OSHA Process Safety Management 29 CFR 1910
None listed

EPA Accidental Release Prevention 40 CFR 68
None listed

International Regulations

Inventory Status

AICS (AUSTRALIA) The intentional ingredients of this product
are NOT listed.

DSL (CANADA) The intentional ingredients of this product are
listed.

ECL (SOUTH KOREA) The intentional ingredients of this product
are NOT listed.

EINECS (EUROPE) The intentional ingredients of this product are
listed.

ENCS (JAPAN) The intentional ingredients of this product are
NOT listed.

IECSC (CHINA) The intentional ingredients of this product are
NOT listed.

PICCS (PHILIPPINES) The intentional ingredients of this product
are NOT listed.

SWISS (SWITZERLAND) The intentional ingredients of this product
are NOT listed.

Continued on next page

MATERIAL SAFETY DATA SHEET

Ashland

Page 010

Date Prepared: 08/18/05

Date Printed: 03/13/06

MSDS No: 303.0407735-001.001

PLIOGRIP SPRAYABLE MSP SEALER/BLACK

State and Local Regulations

California Proposition 65

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains the following substance(s) known to the state of California to cause cancer.

CARBON BLACK

New Jersey RTK Label Information

CARBON BLACK

1333-86-4

Pennsylvania RTK Label Information

CARBON BLACK

1333-86-4