

Issue date 09/16/2024

Version 1

1. Identification

Product Identifier

Product Name 1460 Fast Set 40 Adhesive - Resin

Other means of identification

SDS # 1460 Fast Set 40 Adhesive - Resin

Recommended use of the chemical and restrictions on use

Recommended Use Sealer/Adhesive.

Details of the supplier of the safety data sheet

Supplier Address

| | |
|------------------------|--------------------------------|
| Seymour of Sycamore | Seymour of Sycamore |
| 917 Crosby Avenue | 3041 Dougall Avenue, Suite 503 |
| Sycamore, IL 60178 USA | Windsor, ONT N9E 1S3 CANADA |

Emergency Telephone Number

Company Phone Number 815-895-9101 | 800-435-4482 (Canada)
Emergency Telephone (24 hr) 1-800-255-3924

2. Hazards Identification

Appearance Black Paste

Physical State Paste

Classification

| | |
|-----------------------------------|------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2 |
| Skin sensitization | Category 1 |
| Carcinogenicity | Category 2 |

Signal Word

Warning

Hazard Statements

Causes skin irritation
 Causes serious eye irritation
 May cause an allergic skin reaction
 Suspected of causing cancer



Precautionary Statements - Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood
 Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling
 Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Precautionary Statements - Response
 If exposed or concerned: Get medical advice/attention IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention

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Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

Toxic to aquatic life with long lasting effects

Unknown Acute Toxicity

10-15% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/Information On Ingredients

| Chemical Name | CAS No | Weight-% |
|--|-------------|----------|
| Polymer of epichlorohydrin and bisphenol A | 25085-99-8 | 80-90 |
| Amorphous Silica | 67762-90-7 | 6.15 |
| Resin Blend | PROPRIETARY | 5-10 |
| (3-Glycidyloxypropyl)trimethoxysilane | 2530-83-8 | 1-3 |
| Carbon Black | 1333-86-4 | 0-1 |

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-Aid Measures

First Aid Measures

General Advice

Provide this SDS to medical personnel for treatment.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation

Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist.

Ingestion

Clean mouth with water and drink afterwards plenty of water. Seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms

Eye, skin, and/or respiratory irritation. Exposed individuals may experience eye tearing, redness and discomfort. Will cause gastrointestinal tract irritation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. Fire-Fighting Measures

Suitable Extinguishing Media

CO2, dry chemical, foam and water fog.

Unsuitable Extinguishing Media

Not determined.

Specific Hazards Arising from the Chemical

Product is not flammable.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental Precautions Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Contain with inert material.

Methods for Clean-Up Soak up with inert absorbent material. Place in appropriate containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

7. Handling And Storage

Precautions for safe handling

Advice on Safe Handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Keep out of the reach of children. Use personal protection recommended in Section 8. Wash face, hands, and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep locked up and out of reach of children.

Incompatible Materials Acids, Amines, Mercaptans, Strong oxidizing agents.

8. Exposure Controls/Personal Protection

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---------------------------|---------------------------------|--|--|
| Carbon Black 1333-86-4 | TWA: 3 mg/m3 inhalable fraction | TWA: 3.5 mg/m3 (vacated) TWA: 3.5 mg/m3 | IDLH: 1750 mg/m3 - TWA: 3.5 mg/m3 TWA: 0.1 mg/m3 Carbon black in presence of Polycyclic aromatic hydrocarbons PAH |

Appropriate engineering controls

Engineering Controls Mechanical ventilation or local exhaust ventilation is recommended.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Goggles.

Skin and Body Protection Solvent resistant gloves. Wear suitable protective clothing.

Respiratory Protection Wear an appropriate NIOSH/MSHA approved respirator if ventilation is inadequate.

General Hygiene Considerations Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

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9. Physical And Chemical Properties

Information on basic physical and chemical properties

Physical State : Paste

Appearance: Black Paste

Color: Black

Odor: Not determined

Odor Threshold: Not determined

| Property | Values | Remarks • Method |
|------------------------------|-----------------------|------------------|
| pH | Not determined | |
| Melting Point/Freezing Point | Not determined | |
| Boiling Point/Boiling Range | Not determined | |
| Flash Point | > 93.33 °C / > 200 °F | |
| Evaporation Rate | Not determined | |
| Flammability (Solid, Gas) | Not determined | |
| Upper Flammability Limits | Not determined | |
| Lower Flammability Limit | Not determined | |
| Material V.O.C. | Negligible | |
| Vapor Pressure | Not determined | |
| Vapor Density | Not determined | |
| Specific Gravity | 1.08 | (1=Water) |
| Water Solubility | Insoluble in water | |
| Solubility in other solvents | Not determined | |
| Partition Coefficient | Not determined | |
| Auto-ignition Temperature | Not determined | |
| Decomposition Temperature | Not determined | |
| Kinematic Viscosity | Not determined | |
| Dynamic Viscosity | Not determined | |
| Explosive Properties | Not determined | |
| Oxidizing Properties | Not determined | |

10. Stability And Reactivity

| | |
|---|---|
| Reactivity | Not reactive under normal conditions |
| Chemical Stability | Stable under recommended storage conditions. |
| Possibility of Hazardous Reactions | None under normal processing. |
| Hazardous Polymerization | Hazardous polymerization does not occur. |
| Conditions to Avoid | Heat, flames and sparks. Keep out of reach of children. |
| Incompatible Materials | Acids, Amines, Mercaptans, Strong oxidizing agents. |
| Hazardous Decomposition Products | HES, AMINES, CO, CO2, H2S, SO2, NO2. |

11. Toxicological Information

Information on likely routes of exposure

Product Information

| | |
|---------------------|---|
| Eye Contact | Causes serious eye irritation. |
| Skin Contact | Causes skin irritation. Prolonged contact may cause redness and irritation. |
| Inhalation | May cause irritation if inhaled. |
| Ingestion | May cause gastrointestinal irritation, nausea, diarrhea, and vomiting. |

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| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|-----------------------|-------------------------|-----------------|
| Polymer of epichlorohydrin and bisphenol A 25085-99-8 | >2000 mg/kg (rat) | >2000 mg/kg (rabbit) | |
| (3-Glycidyloxypropyl)trimethoxysilane 2530-83-8 | = 22600 µL/kg (Rat) | = 3970 µL/kg (Rabbit) | |
| Carbon Black - 1333-86-4 | > 15400 mg/kg (Rat) | > 3 g/kg (Rabbit) | |

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization May cause an allergic skin reaction.

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|------------------------|-------|----------|-----|------|
| Carbon Black 1333-86-4 | A3 | Group 2B | | X |

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical measures of toxicity Not determined

Unknown Acute Toxicity 10-15% of the mixture consists of ingredient(s) of unknown toxicity.

12. Ecological Information

Ecotoxicity Toxic to aquatic life with long lasting effects.

Component Information

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|--------------------------|----------------------|------|----------------------------|------------------------------------|
| Carbon Black - 1333-86-4 | | | | 5600: 24 h Daphnia magna mg/L EC50 |

Persistence/Degradability Not determined.

Bioaccumulation Not determined.

Mobility Not determined.

Other Adverse Effects Not determined.

13. Disposal Considerations

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations. (Contd. on page 6)

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14. Transport Information

| | |
|-------------------------|---|
| Note | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| DOT | Not regulated |
| IATA | Not regulated |
| IMDG | |
| Marine Pollutant | This material may meet the definition of a marine pollutant |

15. Regulatory Information

International Inventories Not determined.

Legend:

- **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- **DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List
- **EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- **ENCS** - Japan Existing and New Chemical Substances
- **IECSC** - China Inventory of Existing Chemical Substances
- **KECL** - Korean Existing and Evaluated Chemical Substances
- **PICCS** - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 313 Not determined

US State Regulations

California Proposition 65 This product contains the following Proposition 65 chemicals.

| Chemical Name | California Proposition 65 |
|--------------------------|---------------------------|
| Carbon Black - 1333-86-4 | Carcinogen |

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|------------------------|------------|---------------|--------------|
| Carbon Black 1333-86-4 | X | X | X |

16. Other Information

| | | | | |
|-------------|---|---------------------------------------|--------------------------------------|--|
| NFPA | Health Hazards Not determined | Flammability Not determined | Instability Not determined | Special Hazards Not determined |
| HMIS | Health Hazards 2 | Flammability 1 | Physical Hazards 0 | Personal Protection Not determined |

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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Issue date 09/16/2024

Version 1

1. Identification

Product Identifier

Product Name 1460 Fast Set 40 Adhesive - **Hardener**

Other means of identification

SDS # 1460 Fast Set 40 Adhesive - **Hardener**

Recommended use of the chemical and restrictions on use

Recommended Use Repair Adhesive/Surfacers.

Details of the supplier of the safety data sheet

Supplier Address

Seymour of Sycamore
 917 Crosby Avenue
 Sycamore, IL 60178 USA

Seymour of Sycamore
 3041 Dougall Avenue, Suite 503
 Windsor, ONT N9E 1S3 CANADA

Emergency Telephone Number

Company Phone Number 815-895-9101 | 800-435-4482 (Canada)

Emergency Telephone (24 hr) 1-800-255-3924

2. Hazards Identification

Appearance: Translucent viscous liquid

Physical State: Viscous liquid

Odor: Mercaptan

Classification

Skin corrosion/irritation

Category 2

Serious eye damage/eye irritation

Category 2

Signal Word

Warning



Hazard Statements

Suspected of causing cancer
 Causes skin irritation

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention
 IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse
 If skin irritation or rash occurs: Get medical advice/attention

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Unknown Acute Toxicity

100% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/Information On Ingredients

| Chemical Name | CAS No | Weight-% |
|-------------------------------|--------------|----------|
| Polyamine-Polymercaptan Blend | TRADE SECRET | 90-99 |
| Amorphous Silica | 67762-90-7 | 1-5 |

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

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4. First-Aid Measures

First Aid Measures

| | |
|---|---|
| General Advice | Provide this SDS to medical personnel for treatment. |
| Eye Contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician. |
| Skin Contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation or rash occurs: Get medical advice/attention. |
| Inhalation | Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. |
| Most important symptoms and effects | |
| Symptoms | Irritation to skin and eyes. Exposed individuals may experience eye tearing, redness and discomfort. Will cause gastrointestinal tract irritation. May cause an allergic skin reaction. |
| Indication of any immediate medical attention and special treatment needed | |
| Notes to Physician | Treat symptomatically. |

5. Fire-Fighting Measures

| | |
|--|--|
| Suitable Extinguishing Media | CO2, dry chemical, foam and water fog. |
| Unsuitable Extinguishing Media | Not determined. |
| Specific Hazards Arising from the Chemical | Product is not flammable. |
| Protective equipment and precautions for firefighters | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

| | |
|----------------------------------|--|
| Personal Precautions | Wear protective clothing as described in Section 8 of this safety data sheet. |
| Environmental Precautions | Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information. |

Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for Containment | Prevent further leakage or spillage if safe to do so. Contain with inert material. |
| Methods for Clean-Up | Soak up with inert absorbent material. Place in appropriate containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. |

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7. Handling And Storage

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Keep out of the reach of children. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep locked up and out of reach of children.

Incompatible Materials

Acids, Amines, Mercaptans, Strong oxidizing agents.

8. Exposure Controls/Personal Protection

Exposure Guidelines

Appropriate engineering controls

Engineering Controls

Mechanical ventilation or local exhaust ventilation is recommended.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Goggles.

Skin and Body Protection

Solvent resistant gloves. Wear suitable protective clothing.

Respiratory Protection

Wear an appropriate NIOSH/MSHA approved respirator if ventilation is inadequate.

General Hygiene Considerations

Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

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9. Physical And Chemical Properties

Information on basic physical and chemical properties

Physical State: Viscous liquid

Appearance: Translucent viscous liquid

Color: Clear

Odor: Not determined

Odor Threshold: Not determined

| Property | Values | Remarks • Method |
|------------------------------|-----------------|------------------|
| pH | Not determined | |
| Melting Point/Freezing Point | Not determined | |
| Boiling Point/Boiling Range | 316 °C / 601 °F | |
| Flash Point | 157 °C / 315 °F | COC |
| Evaporation Rate | Not determined | |
| Flammability (Solid, Gas) | Not determined | |
| Upper Flammability Limits | Not determined | |
| Lower Flammability Limit | Not determined | |
| Vapor Pressure | 0.01 mmHG | |
| Vapor Density | 9.0 | (Air=1) |
| Specific Gravity | 1.20 | (1=Water) |
| Water Solubility | Not determined | Slightly soluble |
| Solubility in other solvents | Not determined | |
| Partition Coefficient | Not determined | |
| Auto-ignition Temperature | Not determined | |
| Decomposition Temperature | Not determined | |
| Kinematic Viscosity | Not determined | |
| Dynamic Viscosity | Not determined | |
| Explosive Properties | Not determined | |
| Oxidizing Properties | Not determined | |
| V.O.C. Content | 0% | |

10. Stability And Reactivity

| | |
|---|--|
| Reactivity | Not reactive under normal conditions. |
| Chemical Stability | Stable under recommended storage conditions. |
| Possibility of Hazardous Reactions | None under normal processing. |
| Hazardous Polymerization | Hazardous polymerization does not occur. |
| Conditions to Avoid | Heat, flames and sparks. Keep out of reach of children.. |
| Incompatible Materials | Acids, Amines, Mercaptans, Strong oxidizing agents. |
| Hazardous Decomposition Products | HES, AMINES, CO, CO2, H2S, SO2, NO2. |

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11. Toxicological Information

Information on likely routes of exposure

Product Information

| | |
|---------------------|---|
| Eye Contact | Causes serious eye irritation. |
| Skin Contact | Causes skin irritation. Prolonged contact may cause redness and irritation. |
| Inhalation | May cause irritation if inhaled. |
| Ingestion | May cause gastrointestinal irritation, nausea, diarrhea, and vomiting. |

Component Information

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|---------------------------------------|--|
| Carcinogenicity | This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. |
| Numerical measures of toxicity | Not determined |
| Unknown Acute Toxicity | 100% of the mixture consists of ingredient(s) of unknown toxicity. |

12. Ecological Information

Ecotoxicity An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Component Information

| | |
|----------------------------------|-----------------|
| Persistence/Degradability | Not determined. |
| Bioaccumulation | Not determined. |
| Mobility | Not determined |
| Other Adverse Effects | Not determined. |

13. Disposal Considerations

Waste Treatment Methods

| | |
|-------------------------------|---|
| Disposal of Wastes | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| Contaminated Packaging | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

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14. Transport Information

| | |
|-------------|---|
| Note | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| DOT | Not regulated |
| IATA | Not regulated |
| IMDG | Not regulated |

15. Regulatory Information

International Inventories Not determined

Legend:

- **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- **DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List
- **EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- **ENCS** - Japan Existing and New Chemical Substances
- **IECSC** - China Inventory of Existing Chemical Substances
- **KECL** - Korean Existing and Evaluated Chemical Substances
- **PICCS** - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 313 Not determined.

US State Regulations

U.S. State Right-to-Know Regulations

16. Other Information

| | | | | |
|-------------|---|---------------------------------------|--------------------------------------|--|
| NFPA | Health Hazards Not determined | Flammability Not determined | Instability Not determined | Special Hazards Not determined |
| HMIS | Health Hazards 2 | Flammability 1 | Physical Hazards 0 | Personal Protection Not determined |

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End of Safety Data Sheet