

SAFETY DATA SHEET



Revision Date 05-May-2016
Version 1

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name Fix Soot
Product code W.20110

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Professional Restoration Agent
Restrictions on use Professional Use Only

1.3 Details of the supplier of the safety data sheet

Supplier Legend Brands
Chemspec
15180 Josh Wilson Road
Burlington, WA 98233
800-932-3030

E-mail Address msds@chemspecworld.com

1.4 Emergency telephone number

Emergency telephone number INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

| | |
|-------------------|------------|
| Flammable liquids | Category 3 |
|-------------------|------------|

2.2 Label elements

Signal Word

Warning

Hazard Statements

Flammable liquid and vapor



Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 Keep container tightly closed
 Ground/Bond container and receiving equipment
 Use explosion-proof electrical/ventilating/lighting/equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Wear protective gloves/clothing and eye/face protection

Precautionary Statements - Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower
 In case of fire: Use CO₂, dry chemical, or foam to extinguish

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

2.3. Other Hazards Hazards not otherwise classified (HNOC)

Not Applicable

2.4 Other information

Not Applicable

Unknown Acute Toxicity < 1% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/Information on Ingredients

Substance**Mixture**

| Chemical Name | CAS-No | Weight % |
|---|------------|----------|
| METHYL 2-METHYL-2-PROPENOATE POLYMER WITH ETHYL 2-PROPENOATE | 51999-21-4 | 10 - 20 |
| Isopropyl alcohol | 67-63-0 | 5 - 10 |

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First aid measures

4.1 Description of first-aid measures

General advice No information available.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin contact Wash skin with soap and water.

Inhalation Remove to fresh air.

Ingestion Clean mouth with water and drink afterwards plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media None.

5.2 Special hazards arising from the substance or mixture

Special Hazard

Immediately place absorbent material in a sealed water-filled metal container to avoid spontaneous combustion of absorbent material contaminated with this product

Hazardous Combustion Products No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

5.3 Advice 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

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.

6.2 Environmental precautions

See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. Handling and storage

7.1 Precautions for safe handling

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Materials to Avoid No materials to be especially mentioned.

8. Exposure controls/personal protection

8.1 Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | British Columbia | Alberta | Quebec | Ontario TWAEV |
|-------------------|---------------|--------------|------------------|--------------|--------------|---------------|
| Isopropyl alcohol | STEL: 400 ppm | TWA: 400 ppm | TWA: 200 ppm | TWA: 200 ppm | TWA: 400 ppm | TWA: 200 ppm |

| | | | | | | |
|---------|--------------|----------------------------|---------------|--|---|---------------|
| 67-63-0 | TWA: 200 ppm | TWA: 980 mg/m ³ | STEL: 400 ppm | TWA: 492 mg/m ³ STEL: 400 ppm STEL: 984 mg/m ³ | TWA: 985 mg/m ³ STEL: 500 ppm STEL: 1230 mg/m ³ | STEL: 400 ppm |
|---------|--------------|----------------------------|---------------|--|---|---------------|

8.2 Appropriate engineering controls

| | |
|-----------------------------|---|
| Engineering Measures | Showers Eyewash stations Ventilation systems. |
|-----------------------------|---|

8.3 Individual protection measures, such as personal protective equipment

| | |
|---------------------------------|---|
| Eye/Face Protection | Safety glasses with side-shields. |
| Skin and body protection | Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate. |
| Respiratory protection | . NIOSH/MSHA approved respiratory protection should be worn if exposure is anticipated. |
| Hygiene measures | See section 7 for more information |

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|-----------------------|--------------------------|
| Physical state | Liquid |
| Appearance | Opaque |
| Color | White |
| Odor | Acrylates |
| Odor Threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Methods</u> |
|------------------------------|--------------------|--------------------------|
| pH | 7.5 | |
| Melting/freezing point | | No information available |
| Boiling point/boiling range | | No information available |
| Flash Point | 42 °C / 108 °F | |
| Evaporation rate | | No information available |
| Flammability (solid, gas) | | No information available |
| Flammability Limits in Air | | |
| upper flammability limit | | No information available |
| lower flammability limit | | No information available |
| Vapor pressure | | No information available |
| Vapor density | | No information available |
| Specific Gravity | 1.019 g/cc | |
| Water solubility | completely soluble | |
| Solubility in other solvents | | No information available |
| Partition coefficient | | No information available |
| Autoignition temperature | | No information available |
| Decomposition temperature | | No information available |
| Viscosity, kinematic | | No information available |
| Viscosity, dynamic | | No information available |
| Explosive properties | | No information available |
| Oxidizing Properties | | No information available |

9.2 Other information

Volatile organic compounds (VOC) ~8%
content

10. Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to Avoid

Extremes of temperature and direct sunlight.

10.5 Incompatible Materials

None known based on information supplied.

10.6 Hazardous Decomposition Products

None known based on information supplied.

11. Toxicological information

11.1 Acute toxicity**Numerical measures of toxicity: Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

Unknown Acute Toxicity < 1% of the mixture consists of ingredient(s) of unknown toxicity

| | |
|---------------------|-----------------|
| Oral LD50 | 11,525.00 mg/kg |
| Dermal LD50 | 38,640.00 mg/kg |
| LC50 (Vapor) | 2,583.00 mg/l |

Numerical measures of toxicity: Component Information

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|------------------------------|--------------------|---------------------------|---------------------------------------|
| Isopropyl alcohol 67-63-0 | 5840 mg/kg (Rat) | = 13,900 mg/kg (Rabbit) | = 72600 mg/m ³ (Rat) 4 h |

11.2 Information on toxicological effects**Skin corrosion/irritation**Product Information

- No information available

Component Information

- No information available

Serious eye damage/eye irritationProduct Information

- No information available

Component Information

- No information available

Respiratory or skin sensitizationProduct Information

- No information available

Component Information

- No information available

Germ cell mutagenicityProduct Information

- No information available

Component Information

- No information available

CarcinogenicityProduct Information

- The table below indicates whether each agency has listed any ingredient as a carcinogen

Component Information

- Contains a known or suspected carcinogen

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|------------------------------|-------|---------|-----|------|
| Isopropyl alcohol 67-63-0 | - | Group 3 | - | |

Reproductive toxicityProduct Information

- No information available

Component Information

- No information available

STOT - single exposure

No information available

STOT - repeated exposure

No information available

Other adverse effectsProduct Information

- No information available

Component Information

- No information available

Aspiration hazardProduct Information

- No information available

Component Information

- No information available

12. Ecological information

12.1 Toxicity**Ecotoxicity**

No information available

15.51916 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects

| Chemical Name | Toxicity to algae | Toxicity to fish | Toxicity to daphnia and other aquatic invertebrates |
|------------------------------|--|---|---|
| Isopropyl alcohol 67-63-0 | EC50: 96 h <i>Desmodesmus subspicatus</i> 1000 mg/L EC50: 72 h <i>Desmodesmus subspicatus</i> 1000 mg/L | LC50: 96 h <i>Pimephales promelas</i> 9640 mg/L flow-through LC50: 96 h <i>Pimephales promelas</i> 11130 mg/L static LC50: 96 h <i>Lepomis macrochirus</i> 1400000 µg/L | EC50: 48 h <i>Daphnia magna</i> 13299 mg/L |

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Discharge into the environment must be avoided

| Chemical Name | log Pow |
|------------------------------|---------|
| Isopropyl alcohol 67-63-0 | 0.05 |

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No information available

13. Disposal Considerations

13.1 Waste treatment methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

14. Transport Information

DOT Not regulated

MEX Not regulated

IMDG Not regulated

IATA Not regulated

15. Regulatory information

15.1 International Inventories

| | |
|----------------------|----------|
| TSCA | Complies |
| DSL | Complies |
| EINECS/ELINCS | Complies |
| ENCS | - |
| IECSC | - |
| KECL | - |
| PICCS | - |
| AICS | - |
| NZIoC | - |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL - Canadian Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

PICCS - Philippines Inventory of Chemicals and 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

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

15.2 U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name | SARA 313 - Threshold Values % |
|------------------------------|-------------------------------|
| Isopropyl alcohol 67-63-0 | 1.0 |

15.3 Pesticide Information

Not applicable

15.4 U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

16. Other information

| | | | | |
|--------------------|------------------------|-----------------------|--------------------------|--|
| <u>NFPA</u> | Health Hazard 0 | Flammability 2 | Instability 0 | Physical and chemical hazards - |
| <u>HMIS</u> | Health Hazard 0 | Flammability 2 | Physical Hazard 0 | Personal protection X |

Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)

Ceiling (C)

DOT (Department of Transportation)

EPA (Environmental Protection Agency)

IARC (International Agency for Research on Cancer)

International Air Transport Association (IATA)

International Maritime Dangerous Goods (IMDG)

NIOSH (National Institute for Occupational Safety and Health)

NTP (National Toxicology Program)

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

PEL (Permissible Exposure Limit)

Reportable Quantity (RQ)

Skin designation (S)*

STEL (Short Term Exposure Limit)

TLV® (Threshold Limit Value)

TWA (time-weighted average)

Revision Date 05-May-2016

Revision Note

No information available

Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet