



MATERIAL SAFETY DATA SHEET

Print date: 09-Jan-2014

Revision Number: 0

Revision date:

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: SumTech® FMG-0
Article Code: 320580
Synonyms: No information available
Chemical characterisation: Not applicable..

Supplier:
Summit Industrial Products
9010 County Road 2120
Tyler, Texas 75707
Phone: (903) 534-8021
Fax: (903) 581-4376

Emergency telephone number CHEMTREC: 1-800-424-9300 International: (703) 527-3887

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m ³):	OSHA (TWA mg/m ³):
Mineral oil		5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)
Aluminum complex soap		1 mg/m ³ (aluminum metal and insoluble compounds, respirable fraction)	None
Synthetic hydrocarbon oil		5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)

Note for Non-Hazardous Components Components not precisely identified above are non-hazardous as defined by applicable laws.

3. HAZARDS IDENTIFICATION

Properties affecting health: Harmful if swallowed

Principle routes of exposure: Skin.

Skin contact: Prolonged skin contact may cause skin irritation and/or dermatitis.

Eye contact: Contact with eyes may cause irritation.

Inhalation: Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

Ingestion: Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

4. FIRST AID MEASURES

General advice:	If symptoms persist, call a physician.
Skin contact:	Rinse with plenty of water. If skin irritation persists, call a physician.
Eye contact:	Flush eye with water for 15 minutes. If symptoms persist, call a physician.
Inhalation:	Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. If symptoms persist, call a physician.
Ingestion:	Do not induce vomiting. Consult a physician.
Notes to physician:	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Carbon dioxide (CO₂), Dry chemical, Dry sand, Water spray mist or foam

Extinguishing media which must not be used for safety reasons:

Do not use a solid water stream as it may scatter and spread fire.

Special protective equipment for firefighters:

In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.

Specific hazards:	Burning produces irritant fumes In the event of fire and/or explosion do not breathe fumes
Unusual hazards:	No hazards resulting from the material as supplied
Specific methods:	Water mist may be used to cool closed containers. Standard procedure for chemical fires.
Flash point:	Not applicable.
Autoignition temperature:	Not determined.
Flammability Limits in Air:	
Lower	No information available
Upper	No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Contaminated surfaces will be extremely slippery. Avoid contact with skin, eyes and clothing. Wear personal protective equipment.
Environmental precautions:	Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains.
Methods for cleaning up:	Scrape-up. Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling

Technical measures/precautions:

Safe handling advice:

No special technical protective measures required. Spilling onto the container's outside will make container slippery. Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

Storage

7. HANDLING AND STORAGE

Technical measures/storage conditions:

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labelled containers. Keep out of reach of children.

Incompatible products:

No materials to be specially mentioned.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Ensure adequate ventilation, especially in confined areas..

Personal Protective Equipment

Respiratory protection:

No personal respiratory protective equipment normally required.

Hand protection:

Preventive skin protection

Skin and body protection:

Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Eye protection:

Safety glasses with side-shields.

Hygiene measures:

Avoid contact with skin, eyes and clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

Solid

Appearance:

Paste

Color:

Beige

Odor:

Not significant

Specific gravity:

~ 0.90

Boiling point/range

No information available

Evaporation rate:

Not determined

Vapor density:

Not determined

Vapor pressure:

Not determined

Solubility:

Insoluble.

10. STABILITY AND REACTIVITY

Stability:

Stable under normal conditions

Polymerization:

Hazardous polymerisation does not occur.

Hazardous decomposition products:

None under normal use

Materials to avoid:

Strong oxidising agents.

Conditions to avoid:

Heat, flames and sparks..

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

No data available

12. ECOLOGICAL INFORMATION

Mobility:

No information available.

Bioaccumulative potential:

No information available.

Ecotoxicity effects:

May cause long-term adverse effects in the aquatic environment..

Aquatic toxicity:

May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

In accordance with local and national regulations.

Contaminated packaging: Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT

Proper shipping name: Not regulated

TDG (Canada)

IMO / IMDG

Proper shipping name: Not regulated

ICAO

IATA

Proper shipping name: Not regulated

15. REGULATORY INFORMATION

International Inventories

PICCS: This product does not comply with phil:

TSCA: Listed in TSCA

DSL: All of the components in this product are listed in DSL

ENCS: This product does not comply with JPENCS

CHINA: This product complies with china:

AICS: All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

KECL: This product does not comply with korea:

EINECS/ELINCS This product does not comply with EINECS/ELINCS

U.S. Regulations:

Mineral oil

MARTK: Listed.

NJRTK: Substance no. 1437 Listed.

Substance no. 4004 Listed.

PARTK: Listed.

RIRTK: Listed.

Sara (311, 312) hazard class:

Canada

WHMIS hazard class:

Not determined

16. OTHER INFORMATION

NFPA **Health:** 1 **Flammability:** 1 **Instability:** 0

HMIG **Health:** 1 **Flammability:** 1 **Reactivity:** 0

NFPA symbol:



Reason for revision:

Not applicable

Prepared by:

Health & Safety

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.



MATERIAL SAFETY DATA SHEET

Print date: 10-Jul-2009

Revision Number: 0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: SumTech FMG-1
Synonyms: No information available
Chemical characterisation: No data is available on the product itself.

Supplier:
Summit Industrial Products
9010 County Road 2120
Tyler, Texas 75707
Phone: (903) 534-8021
Fax: (903) 581-4376

Emergency telephone number CHEMTREC: 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m ³):	OSHA (TWA mg/m ³):
Oil, Technical White Mineral	8042-47-5	5	5

3. HAZARDS IDENTIFICATION

Properties affecting health: None.
Principle routes of exposure: Skin.
Skin contact: Substance does not generally irritate and is only mildly irritating to the skin.
Eye contact: Contact with eyes may cause irritation.
Inhalation: Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

4. FIRST AID MEASURES

General advice: If symptoms persist, call a physician.
Skin contact: Wash off immediately with soap and plenty of water.
Inhalation: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.
Eye contact: Flush eye with water for 15 minutes. If symptoms persist, call a physician.

Ingestion: Do not induce vomiting without medical advice.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Carbon dioxide (CO₂), Foam, Water spray

Extinguishing media which must not be used for safety reasons:

No information available.

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.

Specific hazards:

No information available.

Unusual hazards:

No hazards to be especially mentioned

Specific methods:

In the event of fire, cool tanks with water spray

Flash point:

No information available.

Method:

Cleveland Open Cup

Autoignition temperature:

No information available

Flammability Limits in Air:

Lower

No information available

Upper

No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Contaminated surfaces will be extremely slippery. Wear personal protective equipment.

Environmental precautions:

Should not be released into the environment.

Methods for cleaning up:

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling

Technical measures/precautions:

No special technical protective measures required.

Safe handling advice:

Avoid contact with skin, eyes and clothing.

Storage

Technical measures/storage conditions:

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

Incompatible products:

No special restrictions on storage with other products.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Not applicable.

Personal Protective Equipment

Respiratory protection:

No personal respiratory protective equipment normally required.

Hand protection:

Impervious gloves.

Skin and body protection:

Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Eye protection:

Safety glasses

Hygiene measures:

Avoid contact with skin, eyes and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid	Appearance:	Paste
Color:	Off-white	Odor:	No information available
Specific gravity:	No information available	Boiling point/range	No information available
Evaporation rate:	Not determined	Vapor density:	Not determined
Vapor pressure:	Not determined	Solubility:	Insoluble

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Polymerization:	Hazardous polymerisation does not occur.
Hazardous decomposition products:	Carbon oxides
Materials to avoid:	No materials to be especially mentioned
Conditions to avoid:	Stable at normal conditions

11. TOXICOLOGICAL INFORMATION

Acute toxicity	No data available
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12. ECOLOGICAL INFORMATION

Mobility:	Not applicable
Bioaccumulative potential:	No information available.
Ecotoxicity effects:	No data available.
Aquatic toxicity:	No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	In accordance with local and national regulations.
Contaminated packaging:	Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT
Proper shipping name: Not Applicable

TDG (Canada)
Proper shipping name: Not Applicable

IMO / IMDG
Proper shipping name: Not Applicable

ICAO
Proper shipping name: Not Applicable

IATA
Proper shipping name: Not Applicable

15. REGULATORY INFORMATION

International Inventories

PICCS: This product does not comply with phil:
TSCA: Not Listed in TSCA
DSL: Not listed in DSL
ENCS: This product does not comply with JPENCS
CHINA: This product does not comply with china:
AICS: This product does not comply with AICS
KECL: This product does not comply with korea:
EINECS/ELINCS This product does not comply with EINECS/ELINCS

U.S. Regulations:

Oil, Technical White Mineral

NJRTK: Substance no. 1437 Listed.
PARTK: Listed.

Sara (311, 312) hazard class:

Canada

WHMIS hazard class:
Non-controlled

16. OTHER INFORMATION

NFPA	Health:	1	Flammability:	1	Instability:	0
HMIS	Health:	1	Flammability:	1	Physical Hazard:	0

NFPA symbol:



Reason for revision: Not applicable
Prepared by: Health & Safety

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MATERIAL SAFETY DATA SHEET

Print date: 15-Aug-2013

Revision Number: 1

Revision date: 15-Aug-2013

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: SumTech® FMG-2
Article Code: 320429
Synonyms: No information available
Chemical characterisation: No data is available on the product itself.

Supplier:
Summit Industrial Products
9010 County Road 2120
Tyler, Texas 75707
Phone: (903) 534-8021
Fax: (903) 581-4376

Emergency telephone number CHEMTREC: 1-800-424-9300, International: (703) 527-3887

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m ³):	OSHA (TWA mg/m ³):
Mineral oil		5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)

Note for Non-Hazardous Components Components not precisely identified above are non-hazardous as defined by applicable laws.

3. HAZARDS IDENTIFICATION

Properties affecting health: None.
Principle routes of exposure: Skin.
Skin contact: Substance does not generally irritate and is only mildly irritating to the skin.
Eye contact: Contact with eyes may cause irritation.
Inhalation: Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

4. FIRST AID MEASURES

General advice: If symptoms persist, call a physician.
Skin contact: Wash off immediately with soap and plenty of water.

Eye contact: Flush eye with water for 15 minutes. If symptoms persist, call a physician.

Inhalation: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.

Ingestion: Do not induce vomiting without medical advice.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
Carbon dioxide (CO₂), Foam, Water spray

Extinguishing media which must not be used for safety reasons:
No information available

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.

Specific hazards: No information available.
Unusual hazards: No hazards to be especially mentioned
Specific methods: In the event of fire, cool tanks with water spray

Flash point: No information available.
Autoignition temperature: No information available

Flammability Limits in Air:
Lower No information available
Upper No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Contaminated surfaces will be extremely slippery. Wear personal protective equipment.

Environmental precautions: Should not be released into the environment.

Methods for cleaning up: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling

Technical measures/precautions: No special technical protective measures required.
Safe handling advice: Avoid contact with skin, eyes and clothing.

Storage

Technical measures/storage conditions: Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Incompatible products: No special restrictions on storage with other products.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
Not applicable.

Personal Protective Equipment

Respiratory protection: No personal respiratory protective equipment normally required.
Hand protection: Impervious gloves.
Skin and body protection: Usual safety precautions while handling the product will provide adequate protection against this potential effect
Eye protection: Safety glasses

Hygiene measures: Avoid contact with skin, eyes and clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid	Appearance:	Paste
Color:	Off-white	Odor:	No information available
Specific gravity:	No information available	Boiling point/range	No information available
Evaporation rate:	Not determined	Vapor density:	Not determined
Vapor pressure:	Not determined	Solubility:	Insoluble.

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Polymerization:	Hazardous polymerisation does not occur.
Hazardous decomposition products:	Carbon oxides
Materials to avoid:	No materials to be especially mentioned
Conditions to avoid:	Stable at normal conditions

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data available

12. ECOLOGICAL INFORMATION

Mobility:	Not applicable
Bioaccumulative potential:	No information available.
Ecotoxicity effects:	No data available.
Aquatic toxicity:	No information available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	In accordance with local and national regulations.
Contaminated packaging:	Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT
Proper shipping name: Not Applicable

TDG (Canada)
Proper shipping name: Not Applicable

IMO / IMDG
Proper shipping name: Not Applicable

ICAO
Proper shipping name: Not Applicable

14. TRANSPORT INFORMATION

IATA

Proper shipping name: Not Applicable

15. REGULATORY INFORMATION

International Inventories

PICCS: This product does not comply with phil:

TSCA: Listed in TSCA

DSL: All of the components in this product are listed in DSL

ENCS: This product does not comply with JPENCS

CHINA: This product complies with china:

AICS: All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

KECL: This product does not comply with korea:

EINECS/ELINCS This product does not comply with EINECS/ELINCS

U.S. Regulations:

Mineral oil

MARTK: Listed.

NJRTK: Substance no. 1437 Listed.

Substance no. 4004 Listed.

PARTK: Listed.

RIRTK: Listed.

Sara (311, 312) hazard class:

Canada

WHMIS hazard class:

Non-controlled

16. OTHER INFORMATION

NFPA **Health:** 1 **Flammability:** 1 **Instability:** 0

HMIG **Health:** 1 **Flammability:** 1 **Reactivity:** 0

NFPA symbol:



Reason for revision:

Not applicable

Prepared by:

Health & Safety

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