

161-002

SAFETY DATA SHEET

Section 1. IDENTIFICATION

Product Identifier

Product Name GASOILA® HARD SET.

Other means of Identification

Product Code BT04, BT08, BT16, FT32, FT28.

Recommended Use Pipe Thread Sealant.

Recommended Restrictions None Known.

Manufacturer

Company Name Federal Process Corporation
Address 4520 Richmond Road
Cleveland OH 44128
Telephone 1-800-846-7325

Emergency Telephone Number: Call Chemtrec at 1-800-424-9300

Section 2. HAZARDS IDENTIFICATION

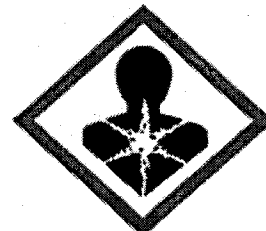
PHYSICAL STATE: Liquid

Classification:

| | |
|-----------------------------------|------------|
| Flammable | Category 3 |
| Serious eye damage/eye irritation | Category 2 |
| Skin sensitization | Category 1 |

Signal Word:

Warning



Hazard Statements:

H226 - Flammable liquid and vapor.
H301 - Toxic if swallowed.
H370 - Causes damage to organs
H319 - Causes serious eye irritation.

Precautionary Statements:

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Prevention: P210 – Keep away heat, sparks, open flames, and hot surfaces. No smoking.
P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 – Wash skin thoroughly after using.
P270 – Do not eat, drink or smoke when using this product.
P272 – Contaminated clothing should not be allowed out of the workplace.

Response: P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301 + P310 + P330 – IF SWALLOWED: Immediately call POISON CENTER or doctor/physician. Rinse mouth.

P337 + P313 – If eye irritation persists: Get medical advice/attention.

P332 + P313 – If skin irritation or rash occurs: Get medical advice/attention.

Disposal: P 501 - Dispose of contents/container to an approved waste disposal plant.

Other Hazards: Toxic to aquatic life with long lasting effects.

Unknown Acute Toxicity: 2% of the mixture consists of ingredient(s) of unknown toxicity.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS Number | Weight % |
|----------------|------------|-------------|
| Methyl alcohol | 67-56-1 | 25.0 – 35.0 |
| Resin | 9000-59-3 | 22.0 – 30.0 |

Section 4. FIRST AID MEASURES

First Aid Measures:

Eye Contact Rinse thoroughly with plenty of water, for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

Skin Contact If skin irritation occurs, rinse affected area with water. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation Remove to fresh air. If signs/symptoms continue, get medical attention. Give oxygen or artificial respiration as needed.

Ingestion Do NOT induce vomiting Get medical attention immediately. Rinse mouth with water. Never give anything by mouth to an unconscious individual.

Most Important Symptoms and effects:

Symptoms Direct contact with eyes may cause temporary irritation.
Do NOT ingest.

Section 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use foam, dry chemical, carbon dioxide or water fog.

Unsuitable Extinguishing Media: Not determined.

Specific Hazards Arising from the Chemical:
Carbon oxides expected to be the primary hazardous combustion product.

Protective Equipment and Precautions for Firefighters:
As in any fire, wear self-contained breathing apparatus and other protective clothing (approved or equivalent) and full protective gear.

Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Personal Precautions: Use personal protective equipment as required. Keep unnecessary personnel away.

Methods and Material for Containment and Cleaning Up:

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

Methods for Clean-Up: Keep in suitable, closed containers for disposal.

Section 7. HANDLING AND STORAGE

Precautions for Safe Handling:

Advice on Safe Handling: Avoid breathing vapors or mists. Contaminated work-clothing should not be allowed out of the workplace.

Conditions for Safe Storage, including Any Incompatibilities:

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store near heat, sparks, or open flames. KEEP OUT OF REACH OF CHILDREN.

Incompatible Materials: None known based on information supplied.

Section 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Guidelines:

| Chemical Name | ACGIH TWA | ACGIH STEL | OSHA TWA |
|---------------------------------|-----------|------------|----------------------------------|
| Methyl alcohol (CAS 67-56-1) | 200 ppm | 250 ppm | 200 ppm 260 mg/m ³ |
| Resin (CAS 9000-59-3) | N/A | N/A | N/A |

Appropriate Engineering Controls:

Engineering Controls: Apply technical measures to comply with the occupational exposure limits.

Individual Protection Measures, such as Personal Protective Equipment:

Eye/Face Protection: Avoid contact with eyes.

Skin and Body Protection: No protective equipment is needed under normal use conditions.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas. If confined in poorly ventilated areas use NIOSH/MSHA

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash exposed areas thoroughly before eating, drinking, smoking or leaving work area. Launder contaminated clothing before reusing.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

| | | | |
|------------------------|-----------------|------------------------|----------------|
| Physical State: | Liquid. | Odor: | Mild. |
| Appearance: | Viscous liquid. | Odor Threshold: | Not available. |
| Color: | Red paste. | | |

| <u>Property</u> | <u>Values</u> |
|------------------------------|-----------------|
| pH | N/A |
| Melting Point/Freezing Point | Not determined. |
| Boiling Point/Boiling Range | Not determined. |

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|--|-----------------------|
| Flash Point | 88F (31C) Closed Cup. |
| Evaporation Rate | Not determined. |
| Flammability (Solid, Gas) | n/a-liquid |
| Upper Flammability Limit | Not determined. |
| Lower Flammability Limit | Not determined. |
| Vapor Pressure | Not determined. |
| Vapor Density | Not determined. |
| Specific Gravity | 1.105 |
| Water Solubility | Slight. |
| Solubility in other Solvents | Not determined. |
| Partition Coefficient (n-octanol/water) | Not determined. |
| Auto-ignition Temperature | Not determined. |
| Decomposition Temperature | Not determined. |
| Kinematic Viscosity | Not determined. |
| Explosive Properties | Not determined. |
| Oxidizing Properties | Not determined. |

Section 10. STABILITY AND REACTIVITY

| | |
|--|--|
| <u>Reactivity:</u> | Not reactive under normal conditions. |
| <u>Chemical Stability:</u> | Stable under recommended storage conditions. |
| <u>Possibility of Hazardous Reactions:</u> | None under normal processing. |
| <u>Conditions to Avoid:</u> | Keep out of reach of children. |
| <u>Incompatible Materials:</u> | None known. |
| <u>Hazardous Decomposition Products:</u> | Oxides of carbon. |

Section 11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure:

Eye Contact: Causes serious eye irritation.
Skin Contact: May cause an allergic skin reaction.

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Inhalation: Avoid breathing vapors or mists.
Ingestion: Do not taste or swallow.

Component Information:

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-----------------------------|--|--------------------------|---------------------|
| Methyl alcohol (67-56-1) | 2,769 mg/kg (Rat) 3,600 mg/kg (Mouse) | 17,100 mg/kg (Rabbit) | 128.2 mg/L (Rat) |
| Resin (9000-59-3) | N/D | N/D | N/D |

Information on physical, chemical and toxicological effects:

Symptoms: Please 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: Not classifiable as a human carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|------------------------------|-------|------|-----|------|
| Methyl/ alcohol (67-56-1) | NO | NO | NO | NO |
| Resin (9000-59-3) | NO | NO | NO | NO |

Legend

IARC (International Agency for Research on Cancer).

Group3 IARC components are "not classifiable as human carcinogens".

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

X - Present

Numerical Measures of Toxicity:

Not Determined.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Toxic to aquatic life with lasting effects.

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to Microorganisms | Crustacea |
|-----------------------------|--|--|----------------------------|-----------|
| Methyl alcohol (67-56-1) | EC50/96 hours Scenedesmus subspicatus 22,000 mg/L | LC50/96 hours Blue gill; 15,4000 mg/l | N/D | N/D |
| Resin (9000-59-3) | N/D | N/D | N/D | N/D |

Persistence/Degradability: Not determined.Bioaccumulation: Not determined.Mobility: Not determined.Other Adverse Effects: Not determined.

Section 13. DISPOSAL CONSIDERATIONS

Waste Treatment Method:

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.

Section 14. TRANSPORT INFORMATION

DOT: Consumer Commodity ORM-D.PROPER SHIPPING NAME: Consumer Commodity ORM-D.IATA: ID8000 Consumer CommodityIMDG: FLAMMABLE LIQUID N.O.S. (contains Methanol)
IDENTIFICATION NUMBER: UN1993, III

Section 15. REGULATORY INFORMATION

| | |
|---------------------------------------|-----------------|
| <u>International Inventories:</u> | Not determined. |
| <u>U.S. Federal Regulations:</u> | Not determined. |
| <u>SARA Title 313:</u> | Not determined. |
| <u>U.S. State Regulations:</u> | |
| <u>U.S Right-to-Know Regulations:</u> | Not determined. |

Section 16. OTHER INFORMATION

| | | | | |
|-------|---------------------|-------------------|------------------|-----------------------------------|
| NFPA: | Health Hazards 2 | Flammability 2 | Instability 0 | Special Hazards Not determined |
| HMIS | Health Hazards 2 | Flammability 2 | Instability 0 | Special Hazards 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.

End of Safety Data Sheet