



**Imperial**  
Manufacturing Group

# SAFETY DATA SHEET

## Imperial Manufacturing Group

### Black Stove Paint

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

**Product Identifier:**

**Product Name** Black Stove Paint

**Other Identification Means:**

**Part #** KK0332, KK0197

**Use of Substance/Preparation and Restrictions:**

**Recommended Use:** Coating  
**Uses Advised Against:** No information available.

**SDS Supplier Details:**

**Company Name:** Imperial Manufacturing Group Inc.

**Company Identification:** 40 Industrial Park Street  
 Richibucto, N.B.  
 Canada  
 E4W 4A4  
 www.imperialgroup.ca

**Company Emergency Telephone Number** Canutec (613)996-6666 (Collect)

#### 2. HAZARDS IDENTIFICATION

**Classification:**

This product is considered hazardous under the 2012 OSHA Hazard Communication Standard (29 CER 1910.1200) and WHMIS 2015.

**GHS Label Elements, including precautionary statement:**

**Emergency Overview:**

**The product contains substances which at given concentrations, are considered to be hazardous to health.**

**Appearance: Black                      Physical State: Liquid (Aerosol)                      Odour: Typical**

**GHS Labeling:**

Flammable Aerosol Category 2 H223  
 Skin Corrosion/Irritation Category 2 H315  
 Skin Sensitization Category 1 H317  
 Serious Eye Damage/Eye Irritation Category 2A H319  
 STOT Single Exposure Narcotic Effects Category 3 H336  
 Carcinogenicity Category 2 H351  
 Reproductive Toxicity Category 2 H361  
 STOT Repeated Exposure Category 2 H373

**Signal Word (GHS):**

Danger

**Hazard Pictograms (GHS):****Hazard Statements (GHS):**

H222: Extremely flammable aerosol.  
H280: Contains gas under pressure; may explode if heated.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H351: Suspected of causing cancers if inhaled.  
H361: Suspected of damaging fertility or the unborn child.  
H373: May cause damage to organs through prolonged or repeated exposure if inhaled.

**Precautionary Statements (GHS) - Prevention:**

P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P210: Keep away from heat/sparks/open flame and other ignition sources. No smoking.  
P211: Do not spray on an open flame or other ignition source.  
P251: Pressurized Container. Do not pierce or burn, even after use.  
P260: Do not breathe dust/fume/gas/mist/vapor/spray.  
P264: Wash thoroughly after handling.  
P270 Do not eat, drink, or smoke when using this product.  
P271: Use only outdoors or in a well-ventilated area.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statements (GHS) - Response:**

P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P304+P340+P312: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P314: Get medical advice/attention if you feel unwell.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P333+P313: If skin irritation or rash occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P362+P364 Take off contaminated clothing and wash before reuse.

**Precautionary Statements (GHS) - Storage:**

P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
P405: Store locked up.



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P410 + P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

### **Precautionary Statements (GHS) - Disposal:**

P501: Dispose of contents/ container in accordance with local, regional, national, territorial, provincial, and international regulations.

### **Other Information:**

None

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Description:** Chemical

Ingredient	CAS#	% by Wt	Classification
Acetone	678-64-1	30-60	*
Propane	74-98-6	10-30	*
Isobutane	75-28-5	5-10	*
Toluene	108-88-3	5-10	*
Manganese Ferrite Black Spinel	68186-94-7	1-5	*
Xylene	1330-20-7	1-5	*
n-Butyl Acetate	123-86-4	1-5	*
2-methoxy-1-methylethyl Acetate	108-65-6	1-5	*
Ethyl Benzene	100-41-4	0.1-1.0	*
Distillates (petroleum), Light Distillate Hydrotreated	68410-97-9	0.1-1.0	*
Naphtha (petroleum), Hydrotreated Light	64742-49-0	0.1-1.0	*
Solvent Naphtha (petroleum), Light Aliphatic	64742-89-8	0.1-1.0	*
Carbon Black	1333-86-4	0.1-1.0	*
Stoddard solvent	8052-41-3	0.1-1.0	*
Manganese 2-ethylexanoate	15956-58-8	0.1-1.0	*

**Composition Comments:** Other components are not hazardous or are below required disclosure limits.

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

## 4. FIRST AID MEASURES

### **First Aid Measures:**

#### **Eye Contact:**

Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists, get medical attention.

#### **Skin Contact:**

Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse. If skin irritation persists, get medical attention.

#### **Inhalation:**

Remove to fresh air. If breathing has stopped, give artificial respiration. If



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**Ingestion:** breathing is difficult, administer oxygen. Get medical attention. Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personnel. Never give anything to an unconscious person. Get medical aid.

**Notes to Physician:** Treatment based on judgment of attending physician.

**Most Important symptoms and effects, both acute and delayed:** Skin irritation. Serious eye irritation. May cause respiratory irritation. May cause drowsiness and dizziness. Ingestion may cause nausea, vomiting and diarrhea. May cause damage to lungs, brain, and central nervous system through prolonged or repeated exposure via inhalation. May be fatal if swallowed and enters airways. Suspected of damaging fertility or the unborn child. Suspected of causing cancer.

**Indication of immediate medical attention and special treatment needed:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Water fog, CO<sub>2</sub>, extinguishing powder, foam.

**Unsuitable Extinguishing Media** Do not use a heavy water stream as it may scatter and spread the fire.

**Specific Exposure Hazards** Extremely flammable aerosol. Vapours may form explosive mixtures with air. Flash back possible over considerable distance. Closed containers may rupture when exposed to extreme heat. Air oxidation of this product may cause it to spontaneous combust. To avoid spontaneous combustion, prevent residue build-up and soak soiled rags, spray booth filter and overspray in a closed water filled metal container. Do not pressurize, cut, weld, drill, grind or expose containers to heat, flame, sparks, static electricity, or other sources of ignition as the container may explode.

**Hazardous Combustion Products** Combustion may produce carbon dioxide and carbon monoxide.

**Explosion Data:**

**Sensitivity to Mechanical Impact:** None.

**Sensitivity to Static Discharge:** None.

**Special safety equipment:** Self-contained positive pressure breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures:

**General Measures:** Use personal protective equipment. Remove all sources of ignition.

#### Environmental Precautions:

**Environmental Precautions:** Prevent entry to sewers and public waters.

#### Methods and Material for Containment and Cleaning Up:



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**Method for Containment:** Contain any spills with inert absorbent to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clear up spills immediately with inert absorbent and dispose of waste safely.

### Procedures for Non-Emergency Personnel:

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

### Procedures for Emergency Personnel:

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

**Reference to Other Sections:** See Heading 8. Exposure Controls and Personal Protection.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling:

**Handling:** Use appropriate personal protection equipment (PPE).  
Avoid inhalation, skin, and eye contact.  
Ensure good ventilation/exhaustion at the workplace.  
Keep away from sources of ignition.  
No smoking.

**Information about fire and explosion protection:** Keep respiratory protective device available.  
No special measures required.

### Conditions for safe storage, including any incompatibilities:

**Requirements to be met by storerooms and receptacles:** Store in a cool location.  
Avoid storage near extreme heat.

**Information about storage in one common storage facility:** Store away from foodstuffs.

**Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.  
Store receptacle in a well-ventilated area.  
Keep container tightly sealed.

**Specific end use(s):** If exposure exceeds occupational limits (TLV value) wear air purifying respirator.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Appropriate Engineering Controls:** No data available.

**Engineering Measures** Use only in well ventilated areas. Exhaust ventilation if used indoors on a



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continuous basis.

### Individual Protection Measures:

- Eye protection:** Safety goggles/face shield. Chemical safety goggles should be worn when contact is possible.
- Skin protection:** Use body-covering impervious clothing.
- Hand protection:** Chemical resistant gloves.
- Respiratory protection:** If exposure cannot be controlled below applicable limits, use approved NIOSH aspirator.
- Working hygiene:** Take usual precautions when handling. Workers should wash hands before eating, drinking, or smoking.

### Exposure Guidelines:

Chemical Name	TLV-TWA	TLV-STEL	PEL-TWA	PEL-Ceiling
Acetone	250 ppm	500 ppm	1000 ppm	N.E.
Propane	N.E.	N.E.	1000 ppm	N.E.
Isobutane	N.E.	1000 ppm	N.E.	N.E.
Toluene	20 ppm	N.E.	200 ppm	300 ppm
Manganese Ferrite Black Spinel	0.1 mg/m <sup>3</sup>	N.E.	N.E.	5 mg/m <sup>3</sup>
Xylene	20 ppm	N.E.	100 ppm	N.E.
n-Butyl Acetate	50 ppm	150 ppm	150 ppm	N.E.
2-methoxy-1-methylethyl Acetate	N.E.	N.E.	N.E.	N.E.
Ethyl Benzene	20 ppm	N.E.	100 ppm	N.E.
Distillates (petroleum), Light Distillate Hydrotreated	N.E.	N.E.	5 mg/m <sup>3</sup>	N.E.
Naphtha (petroleum), Hydrotreated Light	N.E.	N.E.	100 ppm	N.E.
Solvent Naphtha (petroleum), Light Aliphatic	N.E.	N.E.	100 ppm	N.E.
Carbon Black	3 mg/m <sup>3</sup>	N.E.	3.5 mg/m <sup>3</sup>	N.E.
Stoddard solvent	100 ppm	N.E.	500 ppm	N.E.
Manganese 2-ethylexanoate	N.E.	N.E.	N.E.	5 mg/m <sup>3</sup>



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### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Physical and Chemical Properties

Physical State	Liquid	Odour	Typical
Appearance	Spray Aerosol	Odour Threshold	No information available.
Colour	Black		

<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
pH	No data available	None known
Melting/Freezing Point	No data available	None known
Boiling Point/Range	57 C	None known
Flash Point	-104 C	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	Flammable	None known
Flammability Limit in Air:		
Upper Limit	13.4 %	None known
Lower Limit	0.5 %	None known
Vapour Pressure	55-65 @ 20 C PSI	None known
Vapour density	No data available	None known
Specific Gravity	No data available	
Water Solubility	No data available	None known
Solubility Other Solvents	No data available	None known
Partition Coefficient:		
n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition	No data available	None known
Temperature		
Kinematic Viscosity	No data available	None known
Dynamic Viscosity	No data available	None known
Explosive Properties	No data available	None known
Oxidizing Properties	No data available	None known

#### Other Properties:

Softening Point	No data available
VOC Content %	No data available
Particle Size	No data available
Particle Size Distribution	No data available

### 10. STABILITY AND REACTIVITY

Reactivity:	Avoid contact with incompatibles.
Chemical Stability:	Stable at normal conditions of usage.
Possibility of Hazardous Reactions:	Will not occur.
Hazardous Polymerization:	Does not occur.
Conditions to avoid:	Avoid ignition sources, heat, sparks, open flame, direct sunlight, extremely high or low temperatures.
Incompatible materials:	Strong oxidizers



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Hazardous Decomposition Products: CO, CO<sub>2</sub>, Hydrocarbons  
Thermal Decomposition / Conditions to be avoided: Stable under normal conditions.

### 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure:

##### Product Information

##### Inhalation

Inhalation of mist can cause drowsiness, damage to lungs, brain, and central nervous system.

##### Eye Contact

Direct contact causes irritation. May cause corneal injury.

##### Skin Contact

May cause irritation, Prolonged or repeated contact may cause irritation, drying and cracking. May cause an allergic skin reaction with itching, redness and hives.

##### Ingestion

Harmful if swallowed. Will cause abdominal discomfort, nausea, vomiting and diarrhea. May be fatal if swallowed and enters airways.

#### Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Calculated for the formula	5000 mg/kg	2000 mg/kg	100 mg/l

#### Information on Toxicological Effects:

##### Symptoms

None known

#### Delayed/Immediate/Chronic Effects from short- and long-term exposure:

##### Skin Corrosion and Irritation

Xylene and Toluene cause skin irritation

##### Serious Eye Damage and Irritation

Acetone causes serious eye irritation.

##### Respiratory or Skin Sensitization

Manganese 2-ethylexanoate may cause an allergic skin reaction.

##### Mutagenic Effects

None known

##### Carcinogenicity

Toluene and Ethyl Benzene are listed as carcinogen

##### Reproductive Toxicity

Toluene suspected of damaging the unborn child.

##### STOT- Single Exposure

n-Butyl Acetate, Toluene and Acetone may cause drowsiness or dizziness

##### STOT Repeated exposure

Toluene may cause damage to organs through prolonged or repeated exposure

##### Chronic Toxicity

None known

##### Target Organ Effects

None Known

##### Numerical Measures of Toxicity (based on GHS Chapter 3.1)

ATE Oral – 18,318 mg/kg.

ATE Dermal – 10,212 mg/kg.

ATE Inhalation – 255 mg/kg





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### 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Not classified
<b>Persistence and Degradability:</b>	No information available
<b>Bioaccumulative Potential:</b>	No information available
<b>Mobility in Soil:</b>	No information available
<b>Other Adverse Effects:</b>	No information available
<b>Other Information:</b>	Avoid release to the environment.

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

This material, as supplied, is a hazardous waste according to Federal regulations (40 CFR 261). It is the responsibility of the waste generator to determine the proper waster identification and disposal method. Consult the appropriate stare, regional, or local regulations for additional requirements.

#### Disposal Methods

**Contaminated Packaging:** Dispose of contents/containers in accordance with local regulations.  
**Ecology – Waste Materials:** Avoid release to the environment.

### 14. TRANSPORT INFORMATION

#### TDG Status: Regulated material (limited quantity)

UN number:	UN1950
UN proper shipping name	AEROSOL Flammable.
Transport hazard class (es)	
Class	2.1
Packing group	Not applicable
Environmental Hazards:	This product contains marine pollutants. This mixture meets the criteria for an environmentally hazardous material according to the IMDG code.
Special Precautions for User:	Appropriate advice on safety should accompany the package. Keep away from heat, sparks, and open flame. Avoid static electricity.

#### DOT: Regulated material (limited quantity)

UN number:	UN1950
UN proper shipping name	AEROSOLS Flammable
Transport hazard class (es)	
Class	2.1
Packing group	Not applicable
Environmental Hazards:	This product contains marine pollutants. This mixture meets the criteria for an environmentally hazardous material according to the IMDG code.
Special Precautions for User:	Appropriate advice on safety should accompany the package. Keep away from heat, sparks, and open flame. Avoid static electricity.

#### IATA: Regulated material (limited quantity)

UN number:	UN1950
UN proper shipping name	AEROSOLS Flammable
Transport hazard class (es)	
Class	2.1
Packing group	Not applicable



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Environmental Hazards: This product contains marine pollutants. This mixture meets the criteria for an environmentally hazardous material according to the IMDG code.

Special Precautions for User: Appropriate advice on safety should accompany the package. Keep away from heat, sparks, and open flame. Avoid static electricity.

### IMDG: Regulated material (limited quantity)

UN number: UN1950  
UN proper shipping name: AEROSOLS Flammable  
Transport hazard class (es):  
Class: 2.1  
Packing group: Not applicable

Environmental Hazards: This product contains marine pollutants. This mixture meets the criteria for an environmentally hazardous material according to the IMDG code.

Special Precautions for User: Appropriate advice on safety should accompany the package. Keep away from heat, sparks, and open flame. Avoid static electricity.

## 15. REGULATORY INFORMATION

### International Inventories

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

### Legend:

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU 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

**AICS** - Australian Inventory of Chemical Substances

### HMIS III Rating

Health: 2 Moderate Hazard

Flammability: 3 Serious Hazard

Physical: 0 Minimal Hazard

Personal Protection: B

SDS (GHS HazCom 2012 and WHMIS 2015)



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**16. OTHER INFORMATION**

**Prepared By:** Technical Dept.  
**Issuing Date:** November 9, 2023  
**Version #:** 02  
**Revision Information:** Product Number KK0197 added.

**Disclaimer:**

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**End of Safety Data Sheet**