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# SAFETY DATA SHEET

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## SECTION 1 – IDENTIFICATION OF SUBSTANCE AND COMPANY PREPARING INFORMATION

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**Identity:** Fun Strokes

**Code:** FS2300-2395

**Uses:** Glaze for ceramic use.

**Manufacturer's Name:** Gare Inc.,

**Address:** 165 Rosemont St., Haverhill, MA 01832

**Tel Phone:** 978-373-9131

**Emergency Tel:** Regional Poison Control Center

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## SECTION 2 - HAZARD IDENTIFICATION

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Mixture is considered non-hazardous. Contains small amounts of potential carcinogens: crystalline silica (quartz) may be present in clay (1-2% in product). A few pigments may contain a very small amount of bound cadmium (<.0.5%). Other ingredients present at 99% have unknown acute toxicity.

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## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

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Fun Strokes are non-hazardous water based mixtures of ceramic material containing non-leaded frits, clay and other minerals and color pigments.

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## SECTION 4 – FIRST-AID MEASURES

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**Inhalation:** May cause irritation. Remove from exposure.

**Skin:** May cause irritation, Wash skin with soap and water.

**Eye:** May cause irritation, Flush eyes with large quantities of water for at least 15 minutes. If irritation is present after washing, contact a physician.

**Ingestion:** Contact a physician.

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## **SECTION 5 – FIRE-FIGHTING MEASURES**

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Special Fire-Fighting Procedure – None  
Extinguishing Media – None

Unusual Fire or Explosion Hazards - None  
Hazardous Combustion Products - None

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## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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Personal Precautions: None  
Methods for containment and clean up: None

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## **SECTION 7 – HANDLING AND STORAGE**

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When used according to the label directions and fired in a ceramic kiln they produce a smooth glaze (glass-like) finish on formed and bisqued ceramic articles.

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Precautions for safe handling- None  
Conditions for safe storage- None  
Procedures for Leaks or Spills - None

Procedure/Equipment - None  
Work Practices - None

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## **SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION**

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Exposure Limits - These non-hazardous liquids are water based mixtures of ceramic material containing non-leaded frits, clay, and other minerals and color pigments. These mixtures have no TLV or PEL.

Engineer Control – Adequate ventilation (local exhaust) if sprayed.

Personal Protective Equipment - For spray application—eye protection and respirators and protective clothing such as aprons.

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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Appearance – Colored liquid  
Odor and Odor Threshold – Negligible  
Flammability–None  
pH – N/A  
Melting pt/Freezing pt – N/A  
Boiling Point/Boiling Range - None  
Vapor Pressure – N/A  
Vapor Density – N/A  
Melting/Softening Point – N/A  
Specific Gravity – Unknown

Upper/Lower Explosive Limits - None  
Partition Coefficient(Octanol/H2O)-None  
Flash Point - None  
Decomposition Temperature - None  
Relative Density – N/A  
Solubility in Water - Partial  
Viscosity – N/A  
Evaporation Rate - None  
Auto-Ignition Temperature - None

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## SECTION 10 – STABILITY AND REACTIVITY

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Chemical Stability–Stable  
Hazardous Decomposition Products – N/A  
Incompatible Material – None

Hazardous Reactions - None  
Conditions to Avoid - Fumes from firing  
in kiln.

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## SECTION 11 – TOXICOLOGICAL INFORMATION

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Primary Route of Entry – Dermal, Inhalation - If sprayed (NOT RECOMMENDED).

Hazard to Humans - None during normal use (non- spray use).

Animal Experiment -

Acute – None

Chronic/Other - None if not inhaled.

Additional Information - This mixture contains a small amount of silica (1-2%), a known carcinogen (by inhalation). A few pigments contain small amounts of cadmium, (<0.5%) also a known carcinogen by inhalation. This chemical mixture, in water, should be non-toxic during recommended use.

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## SECTION 12 – ECOLOGICAL INFORMATION

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Ecotoxicity - None  
Biodegradability - No  
Mobility in Soil - No

Persistence -Yes  
Bioaccumulation - No  
Other adverse effects - None

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## SECTION 13 – DISPOSAL INFORMATION

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Follow Local, State And Federal Regulations.

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## SECTION 14 – TRANSPORTATION INFORMATION

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UN Number - None  
UN Proper Shipping Name - None  
Transportation Hazard Class – N/A  
Packing Group - None  
Environmental Hazard - None  
Special Precautions - None

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## SECTION 15 --REGULATORY INFORMATION

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Silica (quartz) and cadmium are listed by California Proposition 65.  
Silica (quartz), and cadmium are listed on the IARC, OSHA, or NTP carcinogen list.  
All ingredients are on U.S. TSCA inventory.  
SARA Section 313 – None  
See local requirements.  
Conforms to ASTM D-4236. This material has been evaluated under the provisions of LHAMA (Labeling of Hazardous Art Materials Act). This product is judged to be non-toxic and non-flammable under proposed use conditions. No special warning is required under the provisions of LHAMA or California Proposition 65.

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## SECTION 16 - OTHER INFORMATION

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**Date Prepared:** July 20, 2012      **Replaces MSDS dated** N/A

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# SAFETY DATA SHEET

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## SECTION 1 – IDENTIFICATION OF SUBSTANCE AND COMPANY PREPARING INFORMATION

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**Identity:** Fun Strokes Fleckles

**Code:** FS2400-2420

**Uses:** Glaze for ceramic use.

**Manufacturer's Name:** Gare Inc.,

**Address:** 165 Rosemont St., Haverhill, MA 01832

**Tel Phone:** 978-373-9131

**Emergency Tel:** Regional Poison Control Center

## SECTION 2 - HAZARD IDENTIFICATION

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Contains potential carcinogen: crystalline silica (quartz) may be present in clay. A few pigments may contain very small amounts of bound cadmium. Other ingredients present at 99% have unknown acute toxicity.

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## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

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Fun Strokes Fleckles are non-hazardous water based mixtures of ceramic material containing non-lead frits, clay, and other minerals and color pigments.

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## SECTION 4 – FIRST-AID MEASURES

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**Inhalation:** May cause irritation, remove from exposure.

**Skin:** May cause irritation, Wash skin with soap and water.

**Eye:** May cause irritation, Flush eyes with large quantities of water for at least 15 minutes. If irritation is present after washing, contact a physician.

**Ingestion:** Contact a physician.

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## SECTION 5 – FIRE-FIGHTING MEASURES

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Special Fire-Fighting Procedure – None  
Extinguishing Media – None

Unusual Fire or Explosion Hazards - None  
Hazardous Combustion Products - None

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## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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Personal Precautions: None

Methods for containment and clean up: None

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## **SECTION 7 – HANDLING AND STORAGE**

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When used according to the label directions and fired in a ceramic kiln they produce a smooth glaze (glass-like) finish on formed and bisqued ceramic articles.

Precautions for safe handling- None

Procedure/Equipment - None

Work Practices - None

Conditions for safe storage- None

Procedures for Leaks or Spills - None

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## **SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION**

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Exposure Limits - These non-hazardous liquids are water based mixtures of ceramic material containing non-lead frits, clay, and other minerals and color pigments. These mixtures have no TLV or PEL.

Engineer Control – Adequate ventilation (local exhaust) if sprayed.

Personal Protective Equipment - For spray application—eye protection and respirators and protective clothing such as aprons.

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## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance – Colored liquid

Upper/Lower Explosive Limits - None

Odor and Odor Threshold – Negligible

Partition Coefficient(Octanol/H<sub>2</sub>O)-NA

Flammability–None

Flash Point - None

pH – N/A

Decomposition Temperature - None

Melting pt/Freezing pt – N/A

Relative Density – N/A

Boiling Point/Boiling Range - None

Solubility in Water - Partial

Vapor Pressure – N/A

Viscosity – N/A

Vapor Density – N/A

Evaporation Rate - None

Melting/Softening Point – N/A

Auto-Ignition Temperature - None

Specific Gravity – Unknown

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## SECTION 10 – STABILITY AND REACTIVITY

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Chemical Stability – Stable  
Hazardous Decomposition Products – N/A  
Incompatible Material – None

Hazardous Reactions - None  
Conditions to Avoid - Fumes from firing  
in kiln.

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## SECTION 11 – TOXICOLOGICAL INFORMATION

---

Primary Route of Entry – Dermal, Inhalation - If sprayed (NOT RECOMMENDED).  
Hazard to Humans - None during normal use (non- spray use).  
Animal Experiment -

Acute – None                      Chronic/Other - None if not inhaled.

Additional Information - This mixture contains silica, a known carcinogen (by inhalation). Some pigments contain cadmium, a known carcinogen. This chemical mixture, in water, should be non-toxic during recommended use.

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## SECTION 12 – ECOLOGICAL INFORMATION

---

Ecotoxicity - None  
Biodegradability - No  
Mobility in Soil - No

Persistence -Yes  
Bioaccumulation - No  
Other adverse effects - None

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## SECTION 13 – DISPOSAL INFORMATION

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Follow Local, State And Federal Regulations.

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## SECTION 14 – TRANSPORTATION INFORMATION

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UN Number - None  
UN Proper Shipping Name - None  
Transportation Hazard Class – N/A  
Packing Group - None  
Environmental Hazard - None  
Special Precautions - None

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## **SECTION 15 --REGULATORY INFORMATION**

---

Silica (quartz) and cadmium are listed by California Proposition 65.

Silica (quartz) and cadmium are listed on the IARC, OSHA, or NTP carcinogen list.

All ingredients are on U.S. TSCA inventory.

SARA Section 313 – None

See local requirements.

Conforms to ASTM D-4236. This material has been evaluated under the provisions of LHAMA (Labeling of Hazardous Art Materials Act). This product is judged to be non-toxic and non-flammable under proposed use conditions. No special warning is required under the provisions of LHAMA or California Proposition 65.

## **SECTION 16 - OTHER INFORMATION**

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**Date Prepared:** July 24, 2012

**Replaces MSDS dated** N/A



