Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID:	Proprietary 1040J
Product Name:	**PLUM**
Product Use:	Colorant product
Print date:	10/Aug/2009
Revision Date:	10/Aug/2009

Company Identification
Granicrete International, Inc
3420 S. 7th Street, Suite 6
Phoenix, AZ 85040
Toll Free: 1-866-438-9464

24-Hour Medical Emergency Phone: **PERS:** 1-800-633-8253

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS-No.	**Approx. Weight %**	**Chemical name**
ETHYLENE GLYCOL 107-21-1	30 - 35	1,2-Ethanediol
TALC 14807-96-6	25 ï 30	Talc (Mg3H2(SiO3)4)
DIETHYLENE GLYCOL 111-46-6	10 - 15	Diethylene glycol
PROPRIETARY ADDITIVE	5 - 10	PROPRIETARY ADDITIVE

If this section is blank there are no hazardous components per OSHA guidelines.

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:
Inhalation
Ingestion
Skin absorption

Eye Contact:
- Moderate eye irritation
- Risk of serious damage to eyes.

Skin Contact:
- Causes Skin irritation.

Ingestion:
- Irritation of the mouth, throat and stomach
- Harmful if swallowed.

Inhalation:

* Causes respiratory tract irritation.

Target Organ and Other Health Effects:

- Causes headaches, drowsiness or other effects to the central nervous system.
- Kidney injury may occur.
- Liver injury may occur.
- Cardiac irregularities

This product contains ingredients that may contribute to the following potential chronic health effects:

- Overexposure may cause nervous system damage.
- Prolonged exposure over TLV may produce pneumoconiosis.

Teratogens:

* May cause birth defects.

Carcinigens:

* Possible cancer hazard. Contains material, which may cause cancer based on animal data.

4. FIRST AID MEASURES

Inhalation:
Move injured person into fresh air and keep person calm under observation. Get medical attention, if symptoms develop or persist.

Eye Contact:
Remove any contact lenses and open eyes wide apart. In case of contact, immediately flush with plenty of water for at least 15 minutes. If medical assistance is not immediately available, flush an additional 15 minutes. Get medical attention immediately.

Skin Contact:
Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist.

Ingestion:
Rinse mouth with water, Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Get medical attention. Never give anything by mouth to an unconscious person.

Medical conditions aggravated by exposure: Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	240° F(116°C)
Lower explosive limit:	3 %
Upper explosive limit:	15 %
Autoignition temperature:	Not determined. ° F (°C)
Sensitivity to impact:	No.
Sensitivity to static discharge:	Sensitivity to static discharge is not expected.
Hazardous combustion products:	See section 10

Unusual fire and explosion hazards:
None known.

Extinguishing media:
Carbon dioxide, dry chemical, foam and/or water fog.

Fire fighting procedures:
Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:
Ventilate area. Avoid breathing of vapors. Use self-containing breathing apparatus or air mask for large spills in a confined area. Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 7, "Handling and Storage", for proper container and storage procedures. Avoid contact with eyes.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:
Keep container closed when not in use.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:
Wear chemical goggles with splash shields or face shield. Contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury in case of exposure.

Skin protection:
Appropriate chemical resistant gloves should be worn.

Other Personnel Protection Data:
Usual industrial work clothes. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection:
If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturersôinstructions.

Ventilation
Use only in well-ventilated areas. Ensure adequate ventilation, especially in confined areas. Ovens used for curing should contain a fresh air purge to prevent vapors from accumulating and creating a possible explosive mixture.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Common Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
TALC 14807-96-6	25 - 30	Respirable. Listed. Total dust. Listed.		

ACGIH Threshold Limit Value (TLVs)

Common Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
TALC 14807-96-6	25 ï 30	2 mg/m^3 Respirable fraction. The value is for particulate matter containing no asbestos and <1% crystalline silica.			
ETHYLENE GLYCOL 107-21-1	30 - 35			100 mg/m^3 Aerosol.	

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Liquid
pH:	Not determined
Vapor pressure:	24 mmHG @ 77° F (25° C)
Vapor density (air = 1.0):	3.7
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined.
Density (lbs per US gallon):	10.97
Specific Gravity:	1.31
Evaporation rate (butyl acetate =1.0):	0.1
Flash Point (Fahrenheit):	240° F (116° C)
Lower explosive limit:	3 %
Upper explosive limit:	15 %
Autoignition temperature:	not determined_° F (° C)

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Conditions to Avoid:	None known
Incompatibility:	Strong oxidizing agents
Hazardous Polymerization:	None anticipated
Hazardous Decomposition Products:	Silicone dioxide. Carbon monoxide and carbon dioxide. Nitrogen compounds. Aldehydes

Sensitivity to static discharge: Sensitivity to static discharge is not expected.

11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
ETHYLENE GLYCOL 107-21-1	30 - 35	Inhalation LV50 Rat: 10876 mg/kg Oral LD50 Rat: 4700 mg/kg Oral LD50 Mouse: 5500 mg/kg Dermal LD50 Rabbit: 9530 uL/kg
DIETHYLENE GLYCOL 111-46-6	10 - 15	Oral LD50 Rat: 12565 mg/kg Oral LD50 Mouse: 23700 mg/kg Dermal LD50 Rabbit: 11890 mg/kg
PROPRIETARY ADDITIVE	5 - 10	Oral LD50 Rat: 1870 uL/kg Dermal LD50 Rabbit: 1110 uL/kg

Mutagens/Teratogens/Carcinogens:

May cause birth defects.
Possible cancer hazard. Contains material which may cause cancer based on animal data.

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	MTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
TALC 14807-96-6	25 - 30			male rat-some evidence: female rat - clear evidence: male mice-no evidence: female mice - no evidence

12. ECOLOGICAL DATA

No information on ecology is available.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation
Proper Shipping Name: PAINT, NOT REGULATED
UN ID Number: NRPAIN

U.S. Highway & Rail Shipments
The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

Reportable Quantity Description:

International Air Transport Association (IATA):
Proper Shipping Name: PAINT, NOT REGULATED
UN ID Number: NRPAIN

International Maritime Organization (IMO):
Proper Shipping Name: PAINT, NOT REGULATED
Non-Bulk UN ID Number: NRPAIN

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

Common Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
ETHYLENE GLYCOL 107-21-1	30-35		form R reporting required for 1.0% de minimis concentration	5000

SARA 311/312 Hazard Class:

Acute:	Yes
Chronic:	Yes
Flammability:	No
Reactivity:	No
Sudden Pressure:	No

U.S. STATE REGULATIONS:

Right to Know:

The specific chemical identity of a component may be withheld as a trade secret under 34 Pennsylvania Code, Chapter 317.

Pennsylvania Right To Know:

PROPRIETARY ADDITIVE	Trade Secret
TALC	14807-96-6
ETHYLENE GLYCOL	107-21-1
DIETHYLENE GLYCOL	111-46-6

Additional Non-Hazardous Materials

PROPRIETARY ADDITIVE	Trade Secret
WATER	7732-18-5

Rule 66 status of product Not photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories
US TSCA Inventory:
All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List:
All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health:	2*
Flammability:	1
Reactivity:	1
PPE:	X - See Section 8 for Personal Protective Equipment (PPE).

Abbreviations:
OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT -Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ -Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million. PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

Disclaimer:
The data on this sheet represents typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. GRANICRETE assumes no obligation or liability for use of this information and makes NO WARRANTIES WITH RESPECT TO THIS PRODUCT, EXPRESS OR IMPLIED.