

Distributed by: Rainbow Technology Corp.
1.800.637.6047 or 205.733.0333
Product #: 46871

BCG KE 262 SG
Material Safety Data Sheet



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1. Identification of the substance/preparation and of the company/undertaking

Product Name: BCG KE 262 SG Enamel

Product Code: KE 262SG

Supplier: Bradley Coatings Group
608 W Crawford Avenue
Connellsville, PA 15425

For 24 hour Emergency Health, Safety & Environmental Information, call CHEMTREC: 1-800-424-9300.

For other information or to request an MSDS, call 724-628-9100, 8:00 a.m. – 5:00 p.m., EST.

Product Use: Paint for industrial use.

2. Hazards Identification

Appearance: Green Liquid

Contains: Stoddard Solvent (8052-41-3), Light Aliphatic Solvent Naptha (64742-47-8), Talc (14807-96-6), Xylene (Mixed Isomers) (1330-20-7)

WARNING!

Combustible Liquid and Vapor

May be harmful if inhaled or swallowed

Causes eye, skin, and respiratory tract irritation

3. Composition/Information on Hazardous Ingredients

| Weight % | Components | CAS No. |
|----------|--------------------------------|------------|
| 20 – 50 | Stoddard Solvent | 8052-41-3 |
| 0 – 25 | Light Aliphatic Solvent Naptha | 64742-47-8 |
| 1 – 5 | Talc | 14807-96-6 |
| 1 | Xylene (Mixed Isomers) | 1330-20-7 |

Additional Information

This product is considered to be hazardous under 29 CFR 1910.1200 (Hazard Communication).

This material is a controlled product under WHMIS regulations.

This material is regulated as a hazardous material/dangerous good for transportation (See Section 14).

4. First Aid Measures

Inhalation: Remove source of contamination and move person affected to fresh air. Obtain medical advice.

Eyes: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes, while holding the eyelid(s) open. Obtain medical advice.

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Skin: Remove contaminated clothing, shoes, and leather goods. Quickly and gently, blot or brush away excess chemical. Wash gently and thoroughly with lukewarm gently flowing water and non-abrasive soap for 5 minutes. If irritation persists, repeat flushing. Obtain medical advice.

Ingestion: If irritation or discomfort occurs, obtain medical advice.

5. Fire-fighting Measures

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

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and full turnout protective gear. Use water to cool unopened containers.

Hazardous Combustion Products: Carbon oxides and low molecular weight hydrocarbons.

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may spread along floors. Vapors can travel to a source of ignition and flash back.

6. Accidental Release Measures

Methods for cleaning up: Remove all sources of ignition. Absorb spill with inert material, then place in a chemical waste container. Clean surface thoroughly to remove residual contamination. Keep product out of sewers and water ways.

7. Handling and Storage

Personal Precautions: Avoid breathing vapors at concentrations greater than the exposure limits. Use only with adequate ventilation. Keep container tightly closed. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

Prevention of Fire and Explosion: Keep away from open flames, hot surfaces and sources of ignition. Use only with adequate ventilation. Keep from contact with oxidizing materials. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of combustible liquids.

Storage: Store in a cool place. Keep containers tightly closed in a cool, well-ventilated place. Keep away from incompatible substances (see Incompatibility section.)

8. Exposure Controls/Personal Protection

Occupational Exposure Controls

| Chemical Name | CAS | Regulatory List | Value Type | Value |
|------------------|-----------|-----------------|------------|---------------|
| Stoddard Solvent | 8052-41-3 | ACGIH | TLV | 100 ppm (TWA) |
| | | OSHA | PEL | 500 ppm (TWA) |

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| | | | | |
|--------------------------------|------------|-------|-----|--|
| Light Aliphatic Solvent Naptha | 64742-47-8 | ACGIH | TLV | 300 ppm (TWA) |
| | | OSHA | PEL | 500 ppm (TWA) |
| Talc | 14807-96-6 | ACGIH | TLV | 2 mg/m ³ (TWA) (Respirable Fraction) for talc containing no asbestos |
| | | OSHA | PEL | 20 mppcf (PEL) for talc containing no asbestos |
| Xylene | 1330-20-7 | ACGIH | TLV | 100 ppm (TWA) |
| | | OSHA | PEL | 150 ppm (STEL) |
| | | | PEL | 100 ppm (TWA) |

Ventilation: Use process enclosures, local exhaust, ventilation, or other engineering controls to maintain airborne exposure levels below recommended exposure limits. Controls should be sufficient so that applicable occupational exposure limits are not exceeded.

Respiratory Protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. If respirators are used, a program should be instituted to assure compliance with applicable federal, state, commonwealth, provincial, or local laws and regulations.

Eye Protection: Wear safety glasses with side shields (or goggles).

Skin and Body Protection: Wear impervious gloves and protective clothing appropriate for the risk of exposure.

Recommended Decontamination Facilities: Safety shower, eye wash, washing facilities as appropriate to conditions of use.

9. Physical and Chemical Properties

Physical Form: Liquid

Color: Green

Odor: Mild

Vapor Pressure: No data available

Vapor Density: Heavier than Air

Boiling Point/Range: 310 - 355 °F

Water Solubility: Not Soluble

pH: No data available

% Volatile Volume: 58.7%

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VOC (minus water): 3.81 lbs per gallon

Viscosity @ 25 °C: 70-75 KU

Specific Gravity @ 15°C: No data available

Flashpoint: 104°F (Lowest Component)

Flammability Classification: Combustible Liquid, Class II

10. Stability and Reactivity

Stability: Stable under normal circumstances.

Incompatibility: Avoid contact with strong oxidizing agents and strong acids.

Hazardous Decomposition Products: Carbon oxides and low molecular weight hydrocarbons.

Hazardous Polymerization: Hazardous polymerization does not occur.

11. Toxicological Information

Effects of Exposure

Inhalation: May be harmful if inhaled. Excessive or deliberate inhalation of vapors can cause respiratory tract irritation, dizziness, and/or asphyxiation.

Eyes: Causes eye irritation. Symptoms may include tearing, redness, and blurred vision.

Skin: Causes skin irritation. Prolonged or repeated skin contact may dry and defat the skin causing cracks, irritation, and/or dermatitis.

Ingestion: May be harmful if swallowed. Ingestion can cause gastrointestinal irritation, vomiting, nausea, and diarrhea.

Acute Toxicity Data for Light Aliphatic Solvent Naptha (64742-47-8)

- Oral, LD50 (rat): >5000 mg/kg
- Inhalation, LC50 (rat): >5.2 mg/L (4 hour)
- Dermal, LD50 (rabbit): >2000 mg/kg

Acute Toxicity Data for Stoddard Solvent (8052-41-3)

- Draize test, rabbit, eye: 500 mg/24H Moderate

Acute Toxicity Data for Xylenes (1330-20-7)

- Oral, LD50 (rat): 4300 mg/kg
- Inhalation, LC50 (rat): 5000 ppm/4H
- Dermal, LD50 (rabbit): >1700 mg/kg
- Skin Irritation, Standard Draize Test (rabbit): 500 mg/24H, moderate
- Eye Irritation, Standard Draize Test (rabbit): 87 mg, mild

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Carcinogenicity

Talc (14807-96-6)

ACGIH: A4 – Not Classifiable as a human carcinogen (containing no asbestos fibers);
A1 – Confirmed human carcinogen (containing asbestos fibers)
IARC: Monograph 93 posted (inhaled), Supplement 7 (1987), Monograph 42
(1987): Group 3, not classifiable

12. Ecological Information

This product has not been tested for environmental effects.

13. Disposal Considerations

Discharge, treatment, or disposal may be subject to federal, state, commonwealth, provincial, or local laws. Since empty containers retain product residue, follow label warnings even after container is emptied.

14. Transport Information

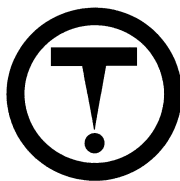
US DOT: UN Number: UN1263
Proper Shipping Name: Paint
Class: 3
Packaging Group: III

IATA/ICAO: UN Number: UN1263
Proper Shipping Name: Paint
Class: 3
Packaging Group: III

15. Regulatory Information

WHMIS (Canada): B3, D2B

WHMIS Symbol(s):



Component Analysis – International Inventory Status:

| Components (CAS No.) | US – TSCA | CANADA - DSL |
|---|------------------|---------------------|
| Stoddard Solvent (8052-41-3) | Yes | Yes |
| Light Aliphatic Solvent Naptha (64742-47-8) | Yes | Yes |
| Proprietary Alkyd Resin (Not Available) | Yes | Yes |
| Talc (14807-96-6) | Yes | Yes |
| Xylene (Mixed Isomers) (1330-20-7) | Yes | Yes |

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Component Analysis – Right to Know:

The following chemicals are specifically listed or otherwise regulated by individual states. For details on your regulatory requirements you should contact the appropriate agency in your state.

| Components (CAS No.) | NJ | PA | CA |
|---|-----------|-----------|-----------|
| Stoddard Solvent (8052-41-3) | Yes | Yes | Yes |
| Light Aliphatic Solvent Naptha (64742-47-8) | | Yes | |
| Talc (14807-96-6) | Yes | Yes | Yes |
| Xylene (1330-20-7) | Yes | Yes | Yes |

U.S. California Prop. 65: None

Carcinogenicity Classification (components present at 0.1% or more):

International Agency for Research on Cancer (IARC): Talc (14807-96-6)
American Conference of Governmental Industrial Hygienists (ACGIH): None
U.S. National Toxicology Program (NTP): None
U.S. Occupational Safety and Health Administration (OSHA): None

Chemical(s) subject to the reporting requirements of U.S. Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372:
Xylene (1330-20-7)

16. Other Information

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(HMIS) Hazardous Materials Identification System

Health – 2 Flammability – 1 Reactivity – 0
Personal Protection -See Your Supervisor
0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe

Note: HMIS hazard indexes involve data review and interpretation that may vary among companies. It is intended only for rapid, general identification of the magnitude of the potential hazards. To adequately address safe handling, ALL information in this MSDS must be considered.

Material Safety Data Sheets (MSDS) are available free of charge for every product Bradley Coatings Group manufactures. Before using any paint product manufactured by Bradley Coatings Group we strongly recommend that you read and follow the precautions listed in the MSDS.

This supersedes all previous publications. Always consult your Bradley Coatings Group representative for the latest product information and recommendations.

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