MATERIAL SAFETY DATA SHEET

Date issued: 09/17/2010
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SMR-A56B Conductive Cement
GENERAL USE: General Aviation
Product Number: 56036
GENERIC NAME: Conductive Cement

MANUFACTURER

B/E Aerospace, Inc
dba, SMR Technologies
93 Nettie Fenwick Rd
Fenwick, WV 26202-4000

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation) :(800) 424 -9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Weight %	----Exposure Limits----- ACGIH/TLV	OSHA/PEL
Toluene	108-88-3	30-45	100 ppm	100 ppm
Light Solvent Naphtha	64742-89-8	25-35	500 ppm	500 ppm
Contains n-Hexane	110-54-3		50 ppm	50 ppm
Synthetic Rubber	9010-10-4	10-20	N/A	N/A
Phenolic Resin	N/A	10-18	N/A	N/A
Carbon Black	1333-86-4	3-8	3.5 mg/m3	3.5 mg/m3
Hydrated Amorphous Silica	7631-86-9	1-2	N/A	N/A
Zinc Oxide	1314-13-2	0.5-1	N/A	N/A
Magnesium Oxide	1309-48-4	0.5-1	N/A	N/A

*** All ingredients in this product are listed in the T.S.C.A. inventory.

3. HAZARDS IDENTIFICATION

-Permissible Exposure Level:
See Section 2.
-Effects of Overexposure:
Inhalation: Nose and throat irritation headache, nausea, loss of coordination, dizziness, unconsciousness, and even asphyxiation.
Skin Contact: May cause irritation and/or dermatitis.
Eye Contact: May cause irritation, or corneal clouding.
Ingestion: Aspiration into lungs may cause chemical pneumonitis.
Chronic Effects of Over Exposure: May cause defatting and dermatitis.
May cause kidney, liver, and lung damage.
Notice: Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
Over-exposure has been suggested as a cause of the following effects: Liver abnormalities, kidney damage, central nervous system damage.
Medical Conditions Aggravated by Exposure: None Known.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air; if not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen, call a physician at once.
Skin Contact: Remove contaminated clothing and launder before reuse. Wash affected area with plenty of soap and water.
Eye contact: Flush with plenty of water for at least 15 minutes (hold eye lids open), Longer if there is indication of residual material in eye.
Ingestion: Do not induce vomiting. Call a physician immediately.

5. FIRE FIGHTING MEASURES

Flammability Class: IB Flash Point: 0 Deg F TCC LEL: 1.00% UEL: 7.60%

-Extinguishing Media:

Water Fog, Carbon Dioxide, Foam, Dry Chemical.

-Special Firefighting Procedures:

Do not enter confined fire space without proper protective equipment including NIOSH approved self contained breathing apparatus.

-Unusual Fire & Explosion Hazards:

Low flash solvent. Vapors may build up in poorly ventilated areas and be ignited, causing flash fires or explosions. Vapors are heavier than air and may travel along ground or floor to source of ignition, causing flash fires or explosions.

6. ACCIDENTAL RELEASE MEASURES

-Steps to be Taken in Case Material is Released or Spilled:

Eliminate all ignition sources, provide adequate ventilation, avoid breathing vapors, avoid eye and skin contact. Wipe up with rags, paper or other absorbent. Place in suitable closed containers for disposal.

-Waste Disposal Method:

This material if discarded, is hazardous and must be properly stored, transported, and disposed of in accordance with applicable local, state, and federal regulations.

7. HANDLING AND STORAGE

-Precautions to be Taken in Handling and Storing:

Use only in a well-ventilated area. Eliminate all sources of ignition such as sparks, flames, and non-explosion proof devices. Avoid prolonged or repeated skin contact or breathing of vapors. For industrial use only, keep out of reach of children. Store in tightly closed containers, in a cool dry place, away from all sources of ignition and heat. Large containers should be grounded and interconnected to prevent static buildup during transfer operations. Empty containers of this material may be hazardous since they may contain residual liquid, vapors or dust.

-Other Precautions:

In addition to any listed precautions, you should consult your occupational safety and health specialist to insure that the handling procedures will be adequate and in compliance with applicable laws and regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

-Respiratory Protection:
For air contaminants above TLV or permissible limits use NIOSH approved respirator for organic vapors.
-Ventilation:
Local exhaust to keep vapors below TLV or permissible limits.
-Protective Gloves:
Impervious.
-Eye Protection:
Chemical goggles.
-Other Protective Equipment:
Eye wash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

VOC Content: 600 g/liter
Boiling Range: 131 – 250 ^{o} F.
Evaporation Rate: 1.8-6 x n-Butyl Acetate
Volatiles vol %: 78 Wgt %: 71

Percent VOC: < 70
Vapor Density: Heavier than air.
Liquid Density: Lighter than water.
Weight per gallon: 7.2 pounds
Specific Gravity: 0.87

Appearance: A Black Colored Liquid with hydrocarbon odor

10. STABILITY AND REACTIVITY

Stability: ( ) Unstable (x) Stable
Hazardous Polymerization: ( ) May occur (x) Will not occur
-Incompatibility:
Strong oxidizing agents
-Hazardous Decomposition Products:
Carbon dioxide, carbon monoxide, smoke, hydrogen chloride, and others.

11. TOXICOLOGICAL INFORMATION

-SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

CAS#	Chemical Name	Percent by Weight
108-88-3	Toluene	<39.

-Prop 65 (Carcinogen):

Warning: This product contains a chemical known to the state of California to cause cancer.

CAS#	Chemical Name

Product may contain trace amounts of California Proposition 65 listed chemicals.

-Prop 65 (Teratogen):

Warning: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

CAS#	Chemical Name

None

-Prop 65 (Both Carcinogen and Teratogen):

Warning: This product may contain a chemical known to the state of California to cause cancer or birth defects or other reproductive harm.

CAS#	Chemical Name

None

END of MSDS