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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: 66MA POWERBEAD CLEAR RTV SILICONE ADHESIVE 7.25 OZ AE
Item No: 81913
Product Type: Silicone (Barrier Pack)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL:
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	>60	Not listed	Not Listed
AMORPHOUS SILICA 7631-86-9	<10	10 mg/m ³	6 mg/m ³ TWA
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE 64742-46-7	<7	5 mg/m ³	5 mg/m ³ PEL (oil mist)
ETHYLTRIACETOXSILANE 17689-77-9	<3	Not listed	Not Listed
METHYLTRIACETOXSILANE 4253-34-3	<3	Not listed	Not Listed
ACETIC ACID 64-19-7	0.5-2.0	10 ppm	10 ppm TWA; 25 mg/m ³ TWA
NITROGEN 7727-37-9	****	Not listed	Not Listed

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye and skin irritation. May irritate lips, gums, tongue, mouth, nose and throat. May irritate respiratory system upon frequent or prolonged use. ****When this product is exposed to moisture, acetic acid may be formed. Note: This product does not contain microcrystalline silica.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation

Signs and Symptoms of Exposure: Acetic acid produced during curing irritates eyes, nose and throat.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
AMORPHOUS SILICA 7631-86-9	<10			Group 3 Monograph 68, 1997

Medical Conditions Recognized as Being Aggravated by Exposure: Methyltriacetoxysilane: Eye, skin and pulmonary disorders.

4. FIRST AID MEASURES

Ingestion: Rinse mouth. If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Move to fresh air in case of accidental inhalation of vapors. Oxygen or artificial respiration if needed.
Skin Contact: Wipe off material with paper towel or cloth. Wash off with soap and water. If skin irritation persists, call a physician.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point °F(C°): >200°F TCC
Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Special Fire-Fighting Procedures: ***Warning: This container is pressurized with nitrogen. Do not remove rubber plug. Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers. Use water spray to cool exposed containers.
Hazardous Products of Combustion: Oxides of carbon, Acetic acid, Silica fume, Formaldehyde

5. FIRE FIGHTING MEASURES

Unusual Fire/Explosion Hazards:

Contents under pressure Heated cans may burst Use equipment or shielding to protect personnel from bursting containers

Lower Explosive Limit:

Not determined

Upper Explosive Limit:

Not determined

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures:

Wipe or scrape up spill material. Maintain good ventilation for large spills. Place scrap material in a well-ventilated area and allow to cure to rubber. Clean up spills thoroughly as residue is slippery.

7. HANDLING AND STORAGE

Storage:

Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F. Exposure to high temperatures may cause container to burst. Keep away from oxidizers. Store away from water or moisture.

Handling:

Avoid contact with skin and eyes. Do not wear contact lenses. Use only in a well ventilated area. Do not take internally.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:

Safety glasses.

Skin:

Neoprene, rubber or butyl rubber gloves.

Ventilation:

General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.

Respiratory Protection:

Not required under normal use An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits

Comments:

When heated to temperatures above 300 degrees F. in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Safe handling conditions may be maintained by keeping vapor concentrations below the OSHA permissible limit for formaldehyde

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Clear paste

Odor:

ACETIC ACID ODOR

Boiling Point:

Not applicable, polymeric material

pH:

Does not apply

Solubility in Water:

Polymerized

Specific Gravity:

1.01

VOC Content(Wt.%):

3.0%; 30 g/l

Vapor Pressure:

66 mm Hg @ 70°F

Vapor Density (Air=1):

Not determined

Evaporation Rate:

Slower than butyl acetate

10. STABILITY AND REACTIVITY

Chemical Stability:

Stable at normal conditions

Hazardous Polymerization:

WILL NOT OCCUR.

Incompatibilities:

Polymerized by contact with moisture. Acetic acid liberated.

Conditions to Avoid:

Moisture while storing, Do not expose to heat or store at temperatures above 120 F

Hazardous Products of Combustion:

Oxides of carbon, Acetic acid, Silica fume, Formaldehyde

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal:

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

US EPA Waste Number:

NH - Not a RCRA Hazardous Waste Material

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SILICONE ADHESIVE 7.25 OZ AE

Item No: 81913

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name: CONSUMER COMMODITY
Hazard Class: ORM-D
UN/ID Number: None

IATA

Proper Shipping Name: Consumer Commodity (Not more than 1 liter)
Class or Division: Class 9
UN/ID Number: ID 8000

IMDG

Proper Shipping: Aerosols, Limited Quantity
Hazard Class: Class 2.2
UN Number: UN 1950

Marine Pollutant: None

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

NONE

CALIFORNIA PROP 65:

No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level.

TSCA Inventory Status:

Listed on Inventory: YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 1, REACTIVITY 1.

Estimated HMIS Classification: HEALTH 2, FLAMMABILILTY 1, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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