

APEX UNIVERSAL, INC

MATERIAL SAFETY DATA SHEET
HIGHWAY SPHERES WITH COATING

SECTION 1

IDENTIFICATION OF PRODUCT

MANUFACTURER
ADDRESS

APEX UNIVERSAL, INC.
11033 FOREST PL.
SANTA FE SPRINGS, CA 90670
PH: 562-944-8878

CHEMICAL NAME
COMPONENTS
DOT HAZARD CLASS
DOT SHIPPING NAME

Highway Spheres with Coating
Glass Oxide with Coating
N.A.
N.A.

SECTION 2

CHEMICAL AND PHYSICAL DATA

APPEARANCE & ODOR
SPECIFIC GRAVITY
SOLUBILITY IN WATER
Ph (aqueous liquids only)
OTHER CHARACTERISTICS

Odorless white powder
2.46-2.49 g/cc
Insoluble
N.A.
Softening point 730 deg. cent.

SECTION 3

FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT
FLAMMABLE LIMIT'S
FIRE EXTINGUISHING
UNUSUAL EXPLOSIVE HAZARD-N.A.

Noncombustible and nonflammable
N.A.
N.A.
N.A.

SECTION 4

REACTIVITY DATA

STABILITY
CONDITIONS TO AVOID
INCOMPATABILITY
DECOMPOSITION PRODUCTS
POLYMERIZATION

Stable
None
Hydrofluoric Acid
None
Will not occur

SECTION 5**SPILL OR LEAK PROCEDURES****ENVIRONMENTAL HAZARDS**

No adverse effects known.

SPILLAGE

Sweep up and discard

WASTE DISPOSAL METHOD

Landfill according to local, state and federal regulations.

OTHER PRECAUTIONS

Spillage may result in slippery conditions. When transporting material, care should be taken to avoid dusting.

SECTION 6**HEALTH HAZARD DATA****HEALTH HAZARDS**

Dust in excess of recommended exposure limits may cause irritation to the respiratory tract.

**ROUTE OF ENTRY
CARCINOGENICITY**

Inhalation

Not listed under NTP, IARC Monographs, or OSHA.

MEDICAL CONDITIONS

Chronic lung conditions may be aggravated by exposure to high concentration of dust. Remove to fresh air.

**EMERGENCY, FIRST AID
PROCEDURES****OTHER CHARACTERISTICS**

Contains no free silica, all components amorphous/non-crystalline.

SECTION 7**SPECIAL PROTECTION INFORMATION****RESPIRATORY PROTECTION**

Use NIOSH approved dust mask or respirator where airborne dust is generated. Observe OSHA regulations for respirator use (29 CFR 1910.134)

GLOVES

None required

EYE PROTECTION

NIOSH approved safety glasses or goggles.

OTHER PROTECTIVE EQUIP.

None required.

PERSONAL HYGENE

Avoid breathing dust. Avoid contact with eyes. Wash eyes out.

ENGINEERING CONTROL

Local exhaust is recommended for operations that generate nuisance dust in excess of OSHA exposure limits.

SECTION 8

**SUBSTANCES FOR WHICH STANDARDS
HAVE BEEN SET**

**COMPONENTS
PERCENTAGE**

Glass Oxide, coating
>99%, <1%

**OSHA EXPOSURE LIMIT
mg/m3 Respirable Fraction
EXPOSURE ANALYSIS
METHOD**

Nuisance dust: OSHA PEL 15mg/m3,ACGIH TLV 10
OSHA PEL 5mg/m3, ACGIH TLV 5mg/m3
NIOSH manual of analytical methods, 3rd method
7501 (1984)

SECTION 9

SOURCE OF INFORMATION

**APEX UNIVERSAL, INC
PH: 562-944-8878**

August 15th, 2005