

Zinc USAGE POLICY

Mahadev Shirwaikar

Rajul Patkar

Faculty In-charge Prof. Ramgopal Rao

NFPA Rating

Health Hazard: 0

Flammability: 4

Reactivity Hazard: 3

HEALTH HAZARDS

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HAZARDOUS DECOMPOSITION PRODUCTS

Zinc/zinc oxides, Zinc oxide

MATERIALS TO AVOID

Amines, Cadmium, Chlorinated solvents, Sulfur, Strong acids, Strong bases.

CONDITIONS TO AVOID

Air. Moisture.

PERSONAL PROTECTION

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique

(without touching glove's outer surface) to avoid skin contact with this product.

Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

FIRE FIGHTING MEASURES

Suitable extinguishing media

Special powder against metal fire Dry sand

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazard(s): Emits toxic fumes under fire conditions.

Water reactive material.

FIRST AID MEASURES

ORAL EXPOSURE

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

INHALATION EXPOSURE

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

DERMAL EXPOSURE

In case of contact, immediately wash skin with soap and copious amounts of water.

EYE EXPOSURE

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

USERS

Mr. Mahadev Shirwaikar (mahadev91@iitb.ac.in)

Mrs. Rajul Patkar (rajul@ee.iitb.ac.in)

REFERENCES

1) <http://www.sigmaaldrich.com/MSDS/MSDS/DisplayMSDSPage.do?country=IN&language=en&productNumber=209988&brand=ALDRICH&PageToGoToURL=http%3A%2F%2Fwww.sigmaaldrich.com%2Fcatalog%2Fproduct%2Faldrich%2F209988%3Flang%3Den>

2) http://www.orcbs.msu.edu/msds/061705_FJK_048_DUST.PDF