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MATERIAL SAFETY DATA SHEET

to comply with

OSHA's Hazard Communication Standard

9 CFR 1910.1200 Standard must be

consulted for specific requirements.

Identity (As used on Label and List)

Freshly Mixed Unhardened Concrete

Note Blank spaces are not permitted. If any item is not applicable or no info is available, the space must be marked to indicate that.

SECTION I

Manufacture's Name

Atlas Red D Mix, Inc.

Emergency Telephone Number

(765) 644-1283

Address

P.O. 3270

Anderson, Indiana 46018

Telephone Number for Information

(765) 644-1283

Date Prepared

Signature of Preparer

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity; Common Name(s) OSHA PEL NA ACGIH TVL NA Identity Information:

Formula - Mixtures of Portland or blended cements, concrete aggregates and chemical admixtures.
Portland and Blended Cements:3CaO.SiO₂ (CAS # 12168-85-3)2CaO.SiO₂ (CAS # 10034-77-2)3 CaO-Al₂O₃ (CAS # 23042-78-3)4 CaO.Al₂O₃-Fe₂O₃ (CAS # 12068-35-8)CaSO₄.2H₂O (CAS # 7778-18-9)Plus traces of CaO, MgO, K₂SO₄, and Na₂SO₄

Other Ingredients: Concrete Aggregates, Inert gravel sand and rocks

Admixtures, May include fly ask, granulated slag and very small

amounts of organic and inorganic materials which have no effect on the

hazards associated with the use of the product.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point

NA

Specific Gravity (H₂O-1)

NA

Vapor Pressure (mm Hg)

NA

Melting Point

NA

Vapor Density (AIR-1)

Evaporation Rate

(Butly Acetate -1)

NA

Solubility in Water

Slight (0.01 to 1%)

Appearance and Color

Gray, plastic, flowable, granular mud and odorless

SECTION IV - REACTIVITY DATA

Stability

Unstable		Conditions to Avoid
Stable	X	However, product stiffens and hardens in 2 to 8 hours and is no longer hazardous

Incompatibility (Materials to Avoid)

None

Hazardous Decomposition or Byproducts

None

Hazardous Polymerization

May Occur		Conditions to Avoid
Will Not Occur	X	

SECTION V - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? NO Skin? NO Ingestion? NO

Health Hazards (Acute and Chronic)

Acute - Wet plastic, unhardened concrete, can dry the skin and cause alkali burns (cement dermatitis).

Chronic - Hypersensitive individuals may develop an allergic dermatitis. Cement may contain trace amounts of chromium.

Carcinogenicity: NTP? NO IARC monographs? NO OSHA Regulated? NO

Signs and symptoms of Exposure:

Irritation of skin and burning sensation particularly when exposure is in an area of skin previously subjected to abrasion or irritation.

Medical Conditions Generally Aggravated by Exposure NONE KNOW**Emergency and First Aid Procedures:**

Irrigate eyes with water. Wash exposed areas of the body with soap and water.

SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE**Steps to be Taken in Case Material is Released or Spilled - Spill does not increase hazard****Waste Disposal Method:**

Material can be retained until it hardens when it can be disposed of as common waste.

Precautions to be Taken in Handling:

Use barrier creams, gloves, boots and clothing to protect the skin from prolonged contact with plastic concrete. Particularly avoid abrasion of the skin in contact with unhardened plastic concrete. Precautions must be observed because cement burns occur with little warning - little heat is sensed. Eye protection is not generally required except when placing methods cause splash when tightfitting goggles should be used.

SECTION VII - CONTROL MEASURES**Respiratory Protection (Specific Type)** NOT REQUIRED

Local Exhaust	Special
Mechanical	Other

Protective Gloves - See VI

Eye Protection - See VI

Other Protective Clothing and Equipment - See VI

Non-Hygenic Practices - See VI