

# MATERIAL SAFETY DATA SHEET

## LIQUID COLOUR

### COMPANY IDENTIFICATION

Flex Stone Inc.

3, Ambica Industrial Estate, B/H Super Atta, Viramgam Road, Village Iyava, Taluka – Sanand.

MOB: (+91) 9374005151

### COMPOSITION/ DATA ON COMPONENTS

#### Chemical Characterization

Mixture of the substances listed below with non-hazardous additions.

- Wetting Agent
- Water based (2%)
- Water (70%)
- Non-Hazardous Property Additives (18%)

#### Dangerous Components

- 12227-89-3 Iron Oxide 5 - 10%

### PHYSICAL AND CHEMICAL PROPERTIES

- **General Information Form:** Fluid
- **Colour:** According to product specification
- **Odour:** Characteristic

#### Change in condition

- Melting point/Melting range: Undetermined.
- Boiling point/Boiling range: Undetermined.
- Flash point: Not applicable.
- Auto igniting: Product is not self igniting.

- Danger of explosion: Product does not present an explosion hazard.
- Vapor pressure at 20°C (68°F): 23.0 hPa (17 mm Hg)
- Density at 20°C (68°F): 1.20 g/cm<sup>3</sup>
- Solubility in / Miscibility with
- Water: Not miscible or difficult to mix.
- Solvent content: Organic solvents: 0.0 % Water: 70.0 %
- Solids content: 30.0 %
- Volatile Organic Compounds: Not determined

### STABILITY AND REACTIVITY

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions:** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known

### HEALTH HAZARD INFORMATION

Information pertaining to particular dangers for man and environment: The product has to be labeled due to internationally acknowledged calculation procedures using the latest valid versions.

Classification system: The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

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## COLOUR HARDENER

### NFPA RATINGS (Scale 0-4)

HEALTH	FIRE	REACTIVITY
1	0	0

### HMIS RATINGS (Scale 0-4)

HEALTH	FIRE	REACTIVITY
1	0	0

### TOXICOLOGICAL INFORMATION

#### Primary irritant effect

- On the Skin: Irritant to skin and mucous membranes.
- On the Eye: Irritating effect.

**Sensitization:** No sensitizing effects known.

**Additional toxicological information:** The product shows the following dangers according to internally approved calculation methods for preparations.

### ECOLOGICAL INFORMATION

Generally not hazardous for water

### FIRST AID MEASURES

**After inhalation:** In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

**After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** If symptoms persist consult doctor.

### FIRE FIGHTING MEASURES

**Suitable extinguishing agents:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Protective equipment:** Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

### ACCIDENTAL RELEASE MEASURES

**Person-related safety precautions:** Not required.

**Measures for environmental protection:** No special measures required.

**Measures for cleaning/collecting:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

## HANDLING AND STORAGE

### HANDLING

**Information for safe handling:** No special precautions are necessary if used correctly.

**Information about protection against explosions and fires:** No special measures required.

### STORAGE

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep receptacle tightly sealed.

## EXPOSURE CONTROL AND PERSONAL PROTECTION

**Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists that were valid during the creation were used as basis.

### PERSONAL PROTECTIVE EQUIPMENT

**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated

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clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

**Breathing equipment:** Not required.

## **PROTECTION OF HANDS**

**Protective gloves:** The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests, no recommendation to the glove material can be given for the product. Select the glove material upon consideration of the penetration times, rates of diffusion and the degradation.

**Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material:** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Tightly sealed goggles