CEMENT REPAIR

# Material Safety Data Sheet

| Hazard Rating: Least - 0 | Slight - 1 | Moderate - 2 | High - 3 | Extreme - 4 |
|---|---|---|---|---|

HMIS H-1, R-0, F-2

**Section 1**

Rapid Concrete Solutions, Inc. 14761 Pearl Rd. Cleveland, Ohio, 44136
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Date Revised: August 2005
Product Name: **Rapid Restore (Part B)**

**Section 2 Hazardous Ingredients/Sara III Information**

| Hazardous Components | CAS # | Occupational Exposure Limits OSHA PEL | ACGIH TLV | MFG | Vapor Press. mm Hg/temp | |
|---|---|---|---|---|---|---|
| * Napthelene | 91-20-3 | 10 ppm | 10 ppm | | | |
| Petroleum Hydrocarbon | 64742-94-5 | n/e | n/e | 100 ppm | 2.3 | 392F |

* Indicates toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372

**Section 3 Physical & Chemical Characteristics**

Boiling Pt: > 300 Degrees F Specific Gravity($H_2O$=1): 1.0
Vapor Density: Heavier than air Evaporation: Slower than ether
Solubility in Water: N/A Appearance and Odor: Mild Aromatic odor - thin liquid

**Section 4 Fire and Explosion Hazard Data**

Flash Point: 245 Degrees F Method Used: PMCC
Flammable Limits in air by volume - lower: N/A Upper: N/A
Extinguishing Media: Foam $CO_2$ Dry Chemical
Special Fire Fighting Procedures: Wear self contained breathing apparatus with positive pressure mode, face piece, boots, gloves (Neoprene), goggles, protective clothing.
Unusual Fire and Explosion Hazards: Closed containers may rupture due to high temperature and induced pressure.

**Section 5 Reactivity Data**

Stability: Stable
Conditions To Avoid: Heat, open flame and sparks.
Incompatibility - materials to avoid: Isocyanates and Strong oxidizing AgentHazardous Decomposition / By Products: Carbon Dioxide, Carbon Monoxide, Nitrogen Oxide trace amounts of Hydrogen Cyanide.
Hazardous Polymerization: Will not occur.

## Section 6 Health Hazard Data

Inhalation Health Risks and Symptoms of Exposure: Inhalation of mists and vapors can cause dry throat and cough, dizziness, nausea, headache and fatigue. MDI can induce respirator sensation with asthma- like conditions/symptoms.
Skin and Eye Contact Health Risks and Symptoms of Exposure: Repeated skin contact may cause irritation. Eye contact will cause irritation - flush with water for 15 minutes and get medical assistance.
Skin Absorption Health Risks and Symptoms of Exposure: Repeated skin contact can cause reddening, swelling and blistering.
Ingestion Health Risks: Oral toxicity low level, can cause nausea, vomiting, diarrhea, and/or burns mouth.
Carcinogenicity: NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
Medical conditions generally aggravated by exposure: Skin and eyes sensitization.
Emergency and First Aid Procedures: Eye: Flush with water for 15 minutes. Inhalation: Take person to fresh air. If difficulty in breathing persists provide oxygen and get medical attention immediately. Skin Contact: Wash with soap and water. Ingestion: Do not induce vomiting. Consult Physician immediately.

## Section 7 Precautions: Safe Handling & Use

Spilled Product: Eliminate ignition sources like heat, open flame and sparks, ventilate area of spill and dike area. Cover the spill with inert absorbent and place into proper containers.
Disposal: Dispose of per Federal, State and local law permits.
Storage: Keep in cool dry area, away from heat and open flame or sparks.
Other Precautions: Individuals with respirator problems to isocyanates must not be exposed to vapors or spray mist containing isocyanates.

## Section 8 Control Measures

Provide adequate ventilation and keep airborne concentration below TLV limit.
NIOSH/MSH or approved respirator with organic cartridge recommended for acid/organic vapor when airborne exposure is excessive.
Ventilation: Local Exhaust: Recommended Mechanical: Recommended
Protective Gloves: Chemical Resistant Natural Rubber
Eye Protection: Chemical Safety Goggles
Clothing: Long sleeves, Lab coat or aprons.
Avoid unnecessary exposure to vapors and mists. Use protective equipment and work with a eye wash station nearby.
Regulatory Information:
TSCA: All components of this product are listed on the TSCA inventory
DOT: Not Regulated, Non Hazardous

## *Disclaimer*

The data set forth in this sheet is based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the Rapid Restore product. No warranty is made with respect to the accuracy of the information provided by this companys suppliers and disclaims all liability of reliance thereof.