

# Material Safety Data Sheet

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION



DirtGlue Enterprises  
83 Middle Road, Amesbury, MA 01913  
Emergency Telephone Number: 888 606-6108

PRODUCT NAME: DirtGlue® Industrial polymer emulsion  
MSDS NUMBER: DGI0107  
EFFECTIVE DATE: January, 1 2007  
TRADE NAME: DirtGlue® Industrial  
CHEMICAL NAME: Acrylate-based Polymer

## 2. COMPOSITION

Acrylate-based Polymer;	CAS REG No: Non-Hazardous,	% WT: 50 - 55.
Water;	CAS REG No: 7732-18-5,	% WT: 42 - 47.
Aqueous ammonia;	CAS REG No: 1336-21-6,	% WT: < 01
Additives (proprietary);	CAS REG No: Non-Hazardous,	%WT: < 03

## 3. HAZARD IDENTIFICATION

Appearance: Off-white liquid  
Odor: Mild  
Hazards of Product: May cause eye and/or skin irritation, vapor or mist may cause irritation of the respiratory system

## 4. FIRST AID

Eyes: flush with water  
Skin: flush with water,  
Inhaled: breathe fresh air,  
Ingested: drink water, call physician.

## 5. FIRE SAFETY MEASURES

Non-combustible, non-explosive as shipped.

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## 6. ACCIDENTAL RELEASE

Contain spill, absorb with sand, clay, etc. Dispose of in accordance with local disposal regulations for non-hazardous material. Floor may be slippery.

## 7. HANDLING & STORAGE

Keep covered, sealed, store in cool dry location, avoid freezing.

## 8. EXPOSURE CONTROL & PERSONAL PROTECTION

Respiratory protection:	None required for most operations. If respiratory irritation is experienced, use an air-purifying respirator
Ventilation:	Good general ventilation should be sufficient for most conditions
Eye protection:	Chemical goggles or full face shields
Skin protection:	Chemically impervious gloves.

Storage and handling facilities should have a water source available for washing skin and eyes in the event of exposure.

## 9. PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT:	212 F or 100 C.
VAPOR PRESSURE:	17mm Hg @ 20C.
SPECIFIC GRAVITY:	1.10-1.18
SOLUBILITY:	Miscible in water
pH:	7 - 9
APPEARANCE:	Watery whitish liquid.

## 10. STABILITY & REACTIVITY

Stable, non-reactive, non-corrosive. Hazardous polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION & EFFECTS OF OVEREXPOSURE

Non-diluted: eye irritant, may cause slight skin irritation, extreme inhalation may cause nausea or vomiting.

Based on information for similar materials, the Rat LD50 for this product is estimated to be greater than 2000 mg/kg.

## 12. ECOLOGICAL INFORMATION

### ECOTOXICITY

Based on information for similar materials, this product is non toxic to aquatic organisms on an acute basis (LC50/EC50 >100mg/L in the most sensitive species tested).

### BIOCONCENTRATION INFORMATION

No biological concentration of the polymeric component is expected because of its high molecular weight. Latex dispersions may color water a milky white.

Based on information for similar materials, the polymeric component of this product is not expected to biodegrade.

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## 13. DISPOSAL

Absorb spills with sand or clay. Dispose of waste as per local regulations for non-hazardous material.

## 14. TRANSPORT INFORMATION

D.O.T. HAZARD CLASSIFICATION: None, Non-regulated.

## 15. REGULATIONS

HAZARDOUS SUBSTANCE PER 40CFR 116:	None
D.O.T. PLACARDS:	None required
POISON CONSTITUENT PER 40CFR 173:	None
UN/NA CODE:	Not applicable
REPORTABLE QUANTITY:	Not applicable
OSHA HAZARD CLASS:	Non OSHA hazardous per 29CFR 1910
EPA SARA TITLE III:	None
TSCA Inventory, 40CFR 720.30	All components listed or exempt

NON RESTRICTED FOR INTERNATIONAL ROAD, AIR, SEA TRANSPORT (NO IATA#)

## 16. OTHER INFORMATION

HMIS HAZARD RATINGS: Reactivity = 0, Flammability = 0, Health = 1

Hazard Rating Scale:

0 = insignificant, 1 = slight, 2 = moderate, 3 = high, 4 = extreme