

MATERIAL SAFETY DATA SHEET (OSHA 29 CFR 1910.1200)

SECTION I: PRODUCT IDENTIFICATION

MANUFACTURER/DISTRIBUTOR:
 Paragon Concrete Products, Inc.
 2305 S Roof Tile Rd
 Casa Grande, AZ 85193

TRANSPORT EMERGENCY TELEPHONE #:
 520-836-6454

INFORMATION TELEPHONE NUMBER:
 520-836-0696

Product Use: CONCRETE GLUE
NEW CONCRETE TO OLD CONCRETE

Revision: September 2013
Prepared By: R. Radel / A.G.

PRODUCT NAME:
 PARAGON CONCRETE GLUE

SECTION II – HAZARD IDENTIFICATION

ROUTE(S) of ENTRY:

EYE:	Slight/mild irritant.
SKIN CONTACT:	Repeated or prolonged skin contact may result in mild irritation.
INHALATION:	Vapor may irritate the respiratory tract.
INGESTION:	Ingestion may cause irritation of the gastrointestinal tract.

SECTION III COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description	CAS #	CONCENTRATION
COMPONENT NON HAZARDOUS		0

SECTION IV – FIRST AID MEASURES

Eyes: Irrigate with eyewash solution or clean water until pain is relieved. Obtain medical attention

Skin: Wash skin with cool water. If symptoms develop, obtain medical attention.

INHALTION: Remove to fresh air. Get medical attention if irritation persists.

Inhalation: Remove person to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Seek medical help if coughing and other symptoms do subside. Inhalation of large amounts of Portland cement requires immediate medical attention.

Ingestion: Treat symptomatically and supportively. Get medical attention.” **DO NOT** attempt to give anything by mouth to an unconscious person.”

PARAGON CONCRETE BONDING GLUE PRODUCT**SECTION V – FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT:	>212 *F
AUTOIGNITION TEMPERATURE:	Not available
LOWER EXPLOSIVE LIMIT (% in air):	Not applicable
UPPER EXPLOSIVE LIMIT (% in air):	Not applicable
EXTINGUISHING MEDIA:	Water Fog Foam; CO2; Dry Chemical
UNUSUAL FIRE AND EXPLOSION HAZARDS:	This is a water based product and present no particular fire or explosion hazard. Dry polymer film will burn. Product contains low level of organic volatiles which may be produced at elevated temperatures.
SPECIAL FIRE FIGHTING INSTRUCTION:	Fire fighter should be equip with self contained breathing apparatus to protect against potentially toxic and irritating fumes.
HARZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide, Carbon monoxide & unknown hydrocarbon.
FLAMMABILITY HAZARD CLASS:	0 = Insignificant

SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES:	Absorb spillages onto sand, earth or any suitable absorbent material. Sweep up and shovel into waste drums. Wash the spillage area with water. Washing must be prevented from entering surface water drains. Disposal should be in accordance with local, State or National Legislation.
-----------------------------------	--

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary info.

SECTION VII - HANDLING AND STORAGE

STORAGE TEMPERATURE:	40 – 100 *F
HANDLING/STORAGE:	Avoid extreme temperatures. Protect from freezing. This material should not be spilled, discharged, or flushed into sewers or public waterways. Product should contain low level of organic volatiles which could accumulate in the unvented headspace of drums or bulk storage vessels. Open drums in well ventilated area. Avoid breathing vapors.

SECTION VIII – EXPOSURE CONTROL/PERSONAL PROTECTION**VENTILATION REQUIREMENTS: GENERAL**

EYE PROTECTION: Wear safety glasses with side shields when handling this product. Additional eye protection Such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid. Have an eye station available.

GLOVE REQUIREMENTS: The use chemically resistant- gloves is recommended.

CLOTHING REQUIREMENTS: Uniform coveralls or a lab coat should be worn.

CHANGE/REMOVAL OF CLOTHING: Remove contaminated and launder before reuse.

RESPIRATOR PROTECTION: None required under normal handling conditions. Use NIOSH approved respirator if vapor or mist level are irritating.

PARAGON CONCRETE BONDING GLUE PRODUCT

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

PURE SUBSTANCE OR MIXTURE:	Mixture
PHYSICAL FORM:	Liquid
COLOR:	White
ODOR:	Slight
ODOR THRESHOLD:	Not available
PH AS IS:	4.5 – 6
Ph in (1%) SOLUTION	Not applicable
OXIDIZING PROPERTIES:	Not applicable
BOILING POINT:	>212 *F
MELTING/FREEZING POINT:	32*F
SOLUBILITY IN WATER:	Miscible
PARTITION COEFICIENT (n-octanol/water):	Not applicable
VISCOSITY:	<2600 cPs
SPECIFIC GRAVITY (water=1):	1.1
BULK DENSITY:	9.16 lb/gal.
EVAPORATION RATE:	1 (Water =1)
VAPOR PRESSURE (mmhg)	17.5 @ 20*C
VAPOR DENSITY (air =1)	>1.0
VOLATILES:	43-46%
VOLATILE ORGANIC COMPOUNDS:	<1 g/liter
AUTOIGNITION:	Not available
FLASH POINT:	>212 *F

SECTION X - REACTIVITY**STABILITY:** Stable**INCOMPATIBILITY: (Materials to Avoid):** Strong oxidizer, Materials that react with water.**REACTIVE HAZARD CLASS: 0 = STABLE****HAZARDOUS POLYMERIZATION CONDITION:** Will not occur.**CONDITION TO AVOID:** Protect from temperature below 40 *F**SECTION XI – TOXICOLOGICAL INFORMATION****ROUTES OF ENTRY:****EYE CONTACT:****SKIN****INHALATION****INGESTION****CHRONIC (LONG TERM) EFFECTS OF EXPOSURE:****EFFECTS OF CHRONIC EXPOSURE:** Not established**TARGET ORGANS:** Not applicable**CARCINOGENS:** NONE**PRODUCT TOXICOLOGY****PRODUCT INFORMATION:** Unlikely to cause harmful effects
Under recommended conditions of handling and use.

MATERIAL SAFETY DATA SHEET
(OSHA 29 CFR 1910.1200)

PARAGON CONCRETE BONDING GLUE

SECTION XII – ECOLOGICAL INFORMATION**OVERVIEW:****MOBILITY:**

Ingress to waterways may cause persistent milky turbidity.

POTENTIAL TO BIOACCUMULATE:

Unknown

AQUATIC TOXICITY:

None established

SECTION XIII – DISPOSAL CONSIDERATION**WATER DISPOSAL METHODS:**

Disposal should be in accordance with Local, State or National legislation.

EMPTY CONTAINER WARNINGS:

Empty containers may contain product residue, follow MSDS and label warning even after they have expired.

SECTION XIV – TRANSPORT INFORMATION

Not hazardous under U. S. DOT TDG regulations.

See also Section # IX

This information provided herein may not include the impact of additional regulatory requirements (eg, for material meeting the definition of hazardous waste under RCRA, hazardous substances under CERCLA, and/of marine pollutants under CWA or other federal, state or local laws) or any associated exception of exemptions under regulations applicable to the transport of this material. For more complete transportation regulatory information please refer to the shipping documents accompanying the shipment of this product.

SECTION XV – OTHER REGULATORY CONSIDERATION**USA****TSCA****SARA/TITILE III**

All components are on the TSCA inventory

CAS #

CONCENTRATION

Contains no substances at or above the reporting threshold under Section 313

CALIFORNIA PROPOSITION 65**WARNING:** This product contains the following chemicals that are known to the State of California to cause cancer, birth defects or other reproductive harm.**CAS NUMBER**

Acetaldehyde

75-07-0

SECTION XVI – OTHER INFORMATION

Additional information: The information given and the recommendations made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.