

534 Key Conductive Primer Hardener Part-B

Printed: 04/27/2020

Revision: 04/27/2020

Supersedes Revision: 09/22/2015

1. Product and Company Identification

Product Code: 534-RCB
Product Name: 534 Key Conductive Primer Hardener Part-B
Company Name: Key Resin Company **Phone Number:**
 4050 Clough Woods Dr. +1 (513)943-4225
 Batavia, OH 45103
Emergency Contact: Chemtrec (USA) (800)424-9300
 Chemtrec (International) +1 (703)527-3887
Intended Use: Industrial floor coatings.

2. Hazards Identification

Skin Corrosion/Irritation, Category 2
Acute Toxicity: Inhalation, Category 5
Serious Eye Damage/Eye Irritation, Category 2B
Skin Sensitization, Category 1B



Warning

GHS Hazard Phrases: H315 - Causes skin irritation.
 H320 - Causes eye irritation.
 H335 - May cause respiratory irritation.
 H317 - May cause an allergic skin reaction.

GHS Precaution Phrases: P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P362+364 - Take off contaminated clothing and wash it before reuse.

GHS Response Phrases: P302+352 - IF ON SKIN: Wash with plenty of soap and water. P362 - Take off contaminated clothing. P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313 - If eye irritation persists, get medical advice/attention.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P314 - Get medical attention/advice if you feel unwell.
 P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P315 - Get immediate medical advice/attention.

GHS Storage and Disposal Phrases: P501 - Dispose of contents/container to local, state, and federal authority requirements.
 P401 - Store: above 45 degrees Fahrenheit.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic): May cause eye irritation. May cause skin irritation. May cause respiratory irritation. May cause allergic reactions.

Inhalation: May cause respiratory irritation.

Skin Contact: May cause skin irritation or burns. May cause sensitization by skin contact.

Eye Contact: Moderately irritating to the eyes.

Ingestion: May be harmful if swallowed.

Medical Conditions Generally Aggravated By Exposure: Skin disorders, Respiratory disorders, Eye disorders, Skin Allergies.

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3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	30 - 45 %	
1333-86-4	Carbon black	5.0 - 15 %	
1477-55-0	1,3-Benzenedimethanamine	1.0 - 10 %	

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If experiencing respiratory symptoms: Get medical attention immediately.

In Case of Skin Contact:

In case of contact, immediately wash skin with soap and copious amounts of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops or persists.

In Case of Eye Contact:

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

In Case of Ingestion:

If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim's head to the side. Get medical advice/attention.

Signs and Symptoms Of Exposure:

May cause rash on skin, and redness in eyes. May cause coughing by inhalation of a mist or spray.

5. Fire Fighting Measures

Flash Pt:

NP

Explosive Limits:

LEL: NE UEL: NE

Autoignition Pt:

No data.

Suitable Extinguishing Media: Will not support combustion. Product is not considered a fire hazard. Closed containers may rupture (due to build up in pressure) when exposed to extreme heat.

Unsuitable Extinguishing Media:

Will not support combustion.

Fire Fighting Instructions:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use water spray to cool unopened containers.

Flammable Properties and Hazards:

Product will not burn, but packaging will burn in a fire.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:

Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

Environmental Precautions:

Prevent entry into waterways, sewers, basements or confined areas.

Steps To Be Taken In Case Material Is Released Or Spilled:

PROCEDURE TO BE FOLLOWED IN CASE OF LEAK OR SPILL.
Evacuate area. Absorb with sand or vermiculite and place in closed containers for disposal. Ventilate the area.

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7. Handling and Storage

Precautions To Be Taken in Handling: Provide adequate ventilation. Do not breathe vapor. Do not get in eyes, on skin or on clothing.

Precautions To Be Taken in Storing: Keep from freezing. Keep container closed when not in use.

Other Precautions: Wash thoroughly after handling.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	No data.	No data.	No data.
1333-86-4	Carbon black	PEL: 3.5 mg/m3	TLV: 3.5 mg/m3	No data.
1477-55-0	1,3-Benzenedimethanamine	No data.	CEIL: mg/m3	No data.

Respiratory Equipment (Specify Type): Normally when good engineering controls are used, no respiratory protection is needed. However, if cured product is abraded by sanding or grinding use a NIOSH approved air-purifying respirator. Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Eye Protection: Safety glasses, or goggles.

Protective Gloves: Nitrile rubber and Neoprene are recommended.

Other Protective Clothing: Where splashing is possible, full chemically resistant protective clothing, safety glasses or face shield and boots are required.

Engineering Controls (Ventilation etc.): Good general ventilation should be sufficient to control airborne levels. Safety shower and eye bath.

Work/Hygienic/Maintenance Practices: Wash contaminated clothing before reuse. Discard contaminated shoes. Wash thoroughly after handling.

Environmental Exposure Controls: Avoid release to the environment. Avoid runoff into storm sewers and ditches which lead to waterways.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Milky. amine-like.

Melting Point: No data.

Boiling Point: NE

Autoignition Pt: No data.

Flash Pt: NP

Explosive Limits: LEL: NE UEL: NE

Specific Gravity (Water = 1): ~ 1.095

Density: ~ 9.13

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Vapor Pressure (vs. Air or mm Hg):	NE
Vapor Density (vs. Air = 1):	NE
Evaporation Rate:	NE
Solubility in Water:	Soluble
Solubility Notes:	Water soluble.
Saturated Vapor Concentration:	NE
Percent Volatile:	~ 65 % by weight.
VOC / Volume:	NE

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	None known.
Incompatibility - Materials To Avoid:	Strong oxidizing agents, acids, Nitrous acid and other nitrosating agents.
Hazardous Decomposition Or Byproducts:	Carbon monoxide, Carbon dioxide, Nitrogen oxides, Nitric Acids. nitrosamines. Ammonia.
Possibility of Hazardous Polymerization:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	Will not undergo hazardous polymerization in normal storage conditions.

11. Toxicological Information

Toxicological Information:	May cause sensitization by skin contact.
Irritation or Corrosion:	May cause skin, eye irritation/burns. May cause respiratory irritation.
Symptoms related to Toxicological Characteristics:	May cause rash on skin, and redness in eyes. May cause coughing by inhalation of a mist or spray.
Chronic Toxicological Effects:	Skin sensitization.

12. Ecological Information

General Ecological Information:	No data available.
Results of PBT and vPvB assessment:	No data available.
Persistence and Degradability:	Not readily biodegradable.
Bioaccumulative Potential:	not reported, unknown.
Mobility in Soil:	not reported, unknown.

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13. Disposal Considerations

Waste Disposal Method: Incinerate or dispose of unused material, residues and containers in a licensed facility in accordance with all applicable local, state and federal regulations. Do not discharge substance/product into sewage system.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Waterbase Solution, Not Regulated.

DOT Hazard Class:

UN/NA Number:

Precautionary Label: Wear all required personal protection. May cause eye irritation. May cause skin irritation. May cause slight respiratory irritation. Keep from freezing. Read product SDS and all labels before use.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Waterbase Solution, Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Waterbase Solution, Not Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	No	No	No
1333-86-4	Carbon black	No	No	No
1477-55-0	1,3-Benzenedimethanamine	No	No	No

This material meets the EPA Yes No Acute (immediate) Health Hazard
'Hazard Categories' defined Yes No Chronic (delayed) Health Hazard
for SARA Title III Sections Yes No Fire Hazard
311/312 as indicated: Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

16. Other Information

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Hazard Rating System:

HEALTH	2
FLAMMABILITY	0
PHYSICAL	0
PPE	X

HMIS:

Additional Information About This Product: CA=CIRCA NA=NOT AVAILABLE NE=NOT ESTABLISHED NR=NOT REGULATED
 NP= NOT APPLICABLE PR=PROPRIETARY TS=TRADE SECRET ?=UNKNOWN.

Company Policy or Disclaimer: The information contained in this MSDS is taken from sources believed to be accurate as of the date hereof; however the Key Resin Company makes no expressed or implied warranty in respect to the accuracy of the information or the suitability of the

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recommendations, and assumes no liabilities to any user thereof.