

MATERIAL SAFETY DATA SHEET  
FOR COATINGS, RESINS AND RELATED MATERIALS  
DATE OF PREPARATION - 01-01-06

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MANUFACTURER'S NAME : Kelley Technical Coatings  
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ADDRESS : PO Box 3726  
ADDRESS :  
CITY, STATE : Louisville, Kentucky, 40201-3726

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SECTION I -- PRODUCT IDENTIFICATION

MANUFACTURER'S CODE IDENTIFICATION : 390C  
PRODUCT CLASS : Epoxy Hardener  
TRADE NAME : ZERON CATALYST  
HMIS INFORMATION : HEALTH : 02  
FLAMMABILITY : 02  
REACTIVITY : 01  
PERSONAL PROTECTIVE EQUIPMENT : REFER TO "SECTION VIII"

SECTION II -- HAZARDOUS INGREDIENTS

INGREDIENT	%BY WEIGHT	ACGIH T.L.V.	OSHA P.E.L	SAR NUIS
AROMATIC NAPHTHA	64742-95-6	13.467 100PPM	100PPM	Y N

If indicated above; this material could constitute a personnel hazard.

If the CAS# field above starts with ## then this material is considered a trade secret.

SECTION III -- PHYSICAL DATA

LOWER EXPLOSION LEVEL	1.0 - 1.2
BOILING RANGE	HIGH 335 DF LOW 306 DF
VAPOR PRESSURE	3.00 MMHG @ 68DF
VAPOR DENSITY	HEAVIER THAN AIR
EVAPORATION RATE	SLOWER THAN BUTYL ACETATE
WEIGHT PER GALLON	8.12
% VOLATILE BY VOLUME	15.21
% VOLATILE BY WEIGHT	13.47
VOC --- LBS/GAL	1.11 LBS/GAL No Water 1.11
GRAMS/LITER	133.05 GRAMS/LITER 133.05

SECTION IV -- FIRE AND EXPLOSION DATA

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TRADE NAME ZERON CATALYST,

FLAMMABILITY CLASSIFICATION OSHA - CLASS II

DOT - COMBUSTIBLE LIQUID UN 1263

LOWEST FLASH POINT T.C.C. 110 DF

LOWER EXPLOSION LEVEL (LEL) 1%

Extinguishing Media: (Yes) - Foam (No) - Alcohol Foam (Yes) - CO2  
(Yes) - Dry Chemical (Yes) - Water Fog

Unusual Fire and Explosion Hazards: - Flammable vapors may form explosive mixtures with air.

Special Fire Fighting Procedures: - Avoid solid stream of water, use fog for cooling.

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SECTION V -- HEALTH HAZARD DATA  
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To the best of our knowledge, this product does not contain any carcinogenic ingredients.

Effects of Overexposure: - Liquid may cause eye burns. Prolonged skin contact with liquid may cause irritation. Eye, nose and throat irritation may result from exposure to vapor. Narcotic effects occur at higher concentrations of vapor.

Primary Route(s) of Entry: (X) - Dermal (X) - Inhalation (X) - Ingestion

Emergency and First Aid Procedures:

- Eye contact: Irrigate immediately and thoroughly with water at least 15 minutes and get medical attention.
- Skin contact: Flush immediately and thoroughly with water.
- Inhalation: Remove from exposure, treat symptomatically and get medical attention.

Medical Conditions Prone to Aggravation by Exposure:

- Pre-existing Respiratory, Eye and Skin Conditions.

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SECTION VI -- REACTIVITY DATA  
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Stability: ( ) - Unstable (X) - Stable

Hazardous Polymerization: ( ) - May Occur (X) - Will Not Occur

Hazardous Decomposition Products: - As with any other organic material, combustion will produce carbon dioxide and probably carbon monoxide.

Conditions to Avoid: - Not applicable.

Incompatibility (Materials to Avoid): - Oxidizing materials can cause a vigorous reaction.

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SECTION VII -- SPILL OR LEAK PROCEDURES  
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Steps to be Taken in Case Material is Leaked or Spilled:

- Eliminate all ignition sources. Flush spill away with water spray.
- Small spills may be collected with absorbant material.

Waste Disposal Method:

- Mix with a compatible chemical which is less combustible and incinerate.
  - Observe all federal, state, and local laws concerning health and pollution.
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SECTION VIII -- SAFE HANDLING AND USE INFORMATION  
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Respiratory Protection: - A NIOSH approved respirator for organic vapors should be worn if needed.

Ventilation: - Local exhaust recommended.

- Mechanical (General) recommended.
- Special: None known.

Protective Gloves: - Should be worn.

Eye Protection: - Safety glasses should be worn in any type of industrial operation.

Other Protective Equipment: - Safety shower and eye bath in work area.

Hygienic Practices: - Remove paint from skin contact after exposure.  
-----SECTION IX -- SPECIAL PRECAUTIONS  
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Precautions to be Taken in Handling and Storing: - Material is classified as a flammable liquid. Keep away from heat, sparks and open flame. Keep container closed. Avoid eye contact, prolonged skin contact, and inhalation of high concentrations of vapor. Use with ventilation adequate to maintain vapor concentrations below the TLV of 50 PPM.

Other Precautions: - Hazardous product residue may remain after the product has been removed from its container. Do not reuse "empty" container without commercial cleaning or reconditioning. See also 29 code of federal regulation 1910.1000.