



Krohn Industries, Inc. Krohn Technical Products, Inc.

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Gesswein SDS# – KR0817A
Gesswein Item# – 8214201,
8214202, 8214203

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: Ceramitation Catalyst
SYNONYMS:
PRODUCT CODES:

SUPPLIER: Paul H. Gesswein, Inc
ADDRESS: 201 Hancock Ave.
ADDRESS: Bridgeport, CT 06605

PHONE: 203-366-5400

EMERGENCY PHONE: CHEMTELL - 800-255-3924

CHEMICAL NAME:
CHEMICAL FAMILY:
CHEMICAL FORMULA:

PRODUCT USE:
PREPARED BY:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>%WT</u>	<u>%VOL</u>	<u>SARA 313 REPORTABLE</u>
Polyester Resin		58.5 - 60.5		Not Hazardous
Butyl Acetate	123-86-4	23 - 25		Hazardous
VM&P Naphtha	8032-32-4	6.5 - 8.5		Hazardous
Ethyl Benzene	100-41-4	5.5 - 7.5		Hazardous
1-Butanol	71-36-3	1 - 2		Hazardous
Chlorendic acid	115-28-6	< 1.2		Hazardous

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: **WARNING!** Flammable liquid. Vapors are heavier than air and may spread along floors. Vapor can travel to a source of ignition (spark or flame) and flash back. Material can accumulate static charges which may cause an incendiary electrical discharge. Irritating to eyes and skin.

ROUTES OF ENTRY: Skin contact, ingestion, inhalation, eye contact, skin absorption.

ACCUTE EFFECTS:

EYES: Moderately irritating to eyes.

SKIN: Mild skin irritant. Repeated exposure may cause skin dryness or cracking. Can be absorbed through skin.

INGESTION: Ingestion (swallowing) may irritate the mouth, throat and stomach. Ingestion is not an anticipated route of exposure for this material in industrial use.

INHALATION: Inhalation of vapors in high concentration may cause irritation of respiratory system. Inhalation of high vapor concentrations can cause CNS-depression and narcosis. Prolonged and excessive exposure may cause serious adverse effects.

CHRONIC HEALTH HAZARDS: This material contains a chemical which is listed by the International Agency for Research on Cancer (IARC) as a group 2B cancer causing agent (possibly carcinogenic to humans). The National Toxicology Program (NTP) has listed a chemical in this material as a substance that may reasonably be anticipated

to be a human carcinogen. Exposure to organic solvents during pregnancy may cause an increased risk of birth defects.

Target Organ(s): Central nervous system (CNS), lungs, eyes, liver, kidney, blood, ears, respiratory system.

HMIS: Health: 2* Flammability: 3 Reactivity: 0

SECTION 4: FIRST AID MEASURES

EYES: Move individual away from exposure. Immediately flush eyes with large quantities of clean water for at least 15 minutes. Get immediate medical attention.

SKIN: Wash off immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before re-use. Get medical attention if irritation develops or persists.

INGESTION: **ASPIRATION HAZARD. DO NOT INDUCE VOMITING.** Never give anything by mouth to an unconscious person. Seek immediate medical attention/advice.

INHALATION: Remove victim to fresh air. Keep warm and quiet. If not breathing, give artificial respiration. If breathing is difficult, give oxygen by trained personnel. **GET IMMEDIATE MEDICAL ATTENTION.**

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABILITY: Flammable liquid.

NFPA HAZARD CLASSIFICATION

HEALTH: 2 **FLAMMABILITY:** 3 **INSTABILITY:** 0
OTHER:

EXTINGUISHING MEDIA: Carbon dioxide (CO₂), foam, cry chemical, water spray. Do not use a solid water stream as it may scatter and spread fire.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS Wear self-contained breathing apparatus (SCBA) and full fire-fighting

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: Under fire conditions, this product may release CO, CO₂, and other decomposition products of undetermined hazard.

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Clean up paint or painted mixed with solvents using rags or paper towels. Place in airtight containers for disposal

Notify appropriate authorities if required by regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING: After use, wash hands before eating, drinking, or smoking.

STORAGE: N/A

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: N/A

VENTILATION : N/A

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: N/A

SKIN PROTECTION: Rubber or vinyl gloves or a barrier cream are useful for general cleanliness.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

EXPOSURE GUIDELINES: N/A

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Viscous colored paste

PHYSICAL STATE: Paste

SOLUBILITY IN WATER: Negligible

FLAMMABILITY (solid):

ODOR: Characteristic Linseed oil or Safflower oil

pH: <7

FLASH POINT - CLOSED CUP: >350° FLASH POINT - OPEN CUP:

F: >177° F: N/A

C: C: N/A

PERCENT VOLATILES: Non- volatile

BOILING POINT (760 mm Hg): N/A

FREEZING POINT: N/A

SPECIFIC GRAVITY (H₂O = 1): >1

VAPOR PRESSURE AT 20°C: N/A

VAPOR DENSITY (AIR = 1): N/A

EVAPORATION RATE: N/A

(BUTYL ACETATE = 1):

MELTING POINT: N/A

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

CONDITIONS TO AVOID:

INCOMPATIBLE MATERIALS:

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

HAZARDOUS POLYMERIZATION:

CONDITIONS TO AVOID (POLYMERIZATION):

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

Reported Human Effects:

Reported Animal Effects:

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Chemical Fate information:

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

RCRA HAZARD CLASS:

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

SHIPMENT IN THE UNITED STATES OF AMERICA (DOT):

WATER TRANSPORTATION

AIR TRANSPORTATION

SHIPMENT IN CANADA:

SURFACE SHIPMENTS IN EUROPE:

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

CERCLA (RQ):

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:

313 REPORTABLE INGREDIENTS:

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:

NEW JERSEY:

AUSTRALIA:

CANADA - WHMIS:

CANADA - CEPA:

EUROPEAN UNION (EU):

GERMANY:

SWITZERLAND:

INVENTORIES:

SECTION 16: OTHER INFORMATION

HMIS® Rating:

NFPA 704 RATING:

DISCLAIMER: