Safety Data Sheet

Date Printed: 7/29/2025 Product: 06480CMU

1. Identification

Product Information: 06480CMU

Product Name: HIGH SOLIDS URA-ZEN CATALYST, PART B

Recommended Use: Industrial Paint or Paint Related

Application Method: Restricted to professional users

Supplied by: Hentzen Coatings, Inc.
6937 Mill Road
Milwaukee, WI 53218-1225
414-353-4200

Emergency Telephone: ChemTrec 1-800-424-9300

Safety Data Sheet Coordinator: HCI_Regulatory@Hentzen.com

2. Hazards Identification

EMERGENCY OVERVIEW: No hazards to be specially mentioned.

GHS Classification
Flam. Liq. 3, STOT SE 3 NE

Symbol(s) of Product

Signal Word
Warning

GHS HAZARD STATEMENTS

Flammable Liquid, category 3	H226	Flammable liquid and vapour.
STOT, single exposure, category 3, NE	H336	May cause drowsiness or dizziness.

GHS LABEL PRECAUTIONARY STATEMENTS

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with soap and water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P370+P378	In case of fire: Use CO2, dry chemical, or foam to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store in accordance with local regulations.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

GHS SDS PRECAUTIONARY STATEMENTS

P240	Ground and bond container and receiving equipment.

P241	Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.

3. Composition/Information on Ingredients

Chemical Name	CAS-No.	Wt. %	GHS Symbols	GHS Statements
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE	28182-81-2	75-100	GHS07	H332
BUTYL ACETATE	123-86-4	2.5-10	GHS02-GHS07	H226-336
HEXAMETHYLENE DIISOCYANATE MONOMER	822-06-0	0.1-1.0	GHS06-GHS07-GHS08	H302-315-317-319-330-334-335

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures

FIRST AID - GENERAL ADVICE: Show this safety data sheet to the doctor in attendance. Call 911 or emergency medical service. Do not delay care and transport of a seriously injured person. Effects should disappear after individual has been exposed to fresh air for approximately 10 minutes. Remove and isolate contaminated clothing and shoes. Get medical attention immediately if symptoms occur. Do not breathe vapors, mist or gas. Do not breathe dust. Move out of dangerous area. Use personal protective equipment. Remove all sources of ignition. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. See section 8 for more information. Ensure adequate ventilation.

FIRST AID - INHALATION: Apply artificial respiration if victim is not breathing. Move victim to fresh air. Keep victim warm and quiet. If unconscious, place in recovery position and seek medical advice. Artificial respiration and/or oxygen may be necessary. Administer oxygen if breathing is difficult. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Get medical attention immediately if symptoms occur.

FIRST AID - INGESTION: Rinse mouth with water. Consult a physician if necessary. Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Get medical attention immediately if symptoms occur.

FIRST AID - SKIN CONTACT: Take off contaminated clothing and shoes immediately. In the case of skin irritation or allergic reactions see a physician. For minor skin contact, avoid spreading material on unaffected skin. In case of contact with substance, keep exposed skin areas immersed in water or covered with wet bandages until medical attention is received. Remove material from skin immediately. Do not remove clothing if adhering to skin. Wash contaminated clothing before reuse.

FIRST AID - EYE CONTACT: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. May produce an allergic reaction. In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes. Do not rub affected area. Get medical attention immediately if symptoms occur.

NOTES TO PHYSICIAN: Treat symptomatically. Keep victim warm and quiet.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Runoff to sewer may create fire or explosion hazard. Vapor explosion hazard indoors, outdoors or in sewers. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Will be easily ignited by heat, sparks or flames. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cool drums with water spray. Fire will produce dense black smoke containing hazardous combustion products (see section 10). Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration. Container may explode in heat of fire.

SPECIAL FIREFIGHTING PROCEDURES: No Information

EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent media. In the event of an uncontrolled release of this material, the user should determine if

the release is reportable under applicable laws and regulations. Water spray may reduce vapor; but may not prevent ignition in closed spaces. Dispose of material in accordance with all federal, state and local regulations.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material.

ENVIRONMENTAL PRECAUTIONS: Should not be released into the environment. Prevent entry into waterways, sewers, basements or confined areas. Prevent spreading of vapors through sewers, ventilation systems and confined areas. Dispose of contents/container to an approved waste disposal plant. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

ADVICE FOR EMERGENCY RESPONDERS: In the event of fire, wear self-contained breathing apparatus. Keep away from sources of ignition. Prevent fire fighting water from entering surface water or groundwater. Cool containers with spray water from a safe distance. Never use welding or cutting torch on or near container (even empty) because product may ignite explosively. Pay attention to flashback. Refer to protective measures listed in sections 7 and 8.

PERSONAL PRECAUTIONS: Evacuate personnel to safe areas. Use personal protective equipment. Ensure adequate ventilation, especially in confined areas. Keep people away from and upwind of spill/leak. Take precautionary measures against static discharges. Pay attention to flashback. All equipment used when handling the product must be grounded. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do it without risk. Wash thoroughly after handling. Contaminated surfaces will be extremely slippery. Refer to protective measures listed in sections 7 and 8. Do not breathe dust. Do not breathe vapors or spray mist.

7. Handling and Storage

HANDLING: Use spark-proof tools and explosion-proof equipment. Wear personal protective equipment. Take precautionary measures against static discharges. Do not breathe vapors or spray mist. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). In case of insufficient ventilation, wear suitable respiratory equipment. Ensure adequate ventilation. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Never pierce, drill, grind, cut, saw or weld any empty container. Provide sufficient air exchange and/or exhaust in work rooms. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Keep product and empty container away from heat and sources of ignition. Electrical equipment should be protected to the appropriate standard. Keep container closed when not in use. Ground and bond containers when transferring material.

STORAGE: Keep in properly labeled containers. Keep container tightly closed. Keep out of the reach of children. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store in a well-ventilated place. Keep cool. Ensure all equipment is electrically grounded before beginning transfer operations. Use spark-proof tools and explosion-proof equipment. Keep locked up or in an area accessible only to qualified or authorized persons. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Store between 41 and 77 °F (5 - 25° C) in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE	N.E.	N.E.	N.E.
BUTYL ACETATE	50 ppm	150 ppm	150 ppm
HEXAMETHYLENE DIISOCYANATE MONOMER	0.005 ppm	N.E.	N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

Personal Protection

RESPIRATORY PROTECTION: If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

SKIN PROTECTION: The selected protective gloves have to satisfy the specifications of EU Regulation (EU) 2016/425 and the standard EN 374 derived from it. Solvent-resistant gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Wear protective gloves/ protective clothing. Wear suitable protective clothing.

EYE PROTECTION: Tightly fitting safety goggles.

OTHER PROTECTIVE EQUIPMENT: No Information

HYGIENIC PRACTICES: Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Handle in accordance with good industrial hygiene and safety practice. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin, eyes and clothing. Wash hands before breaks and at the end of workday. Regular cleaning of equipment, work area and clothing is recommended.

ENGINEERING CONTROLS: Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Where reasonably practicable this should be achieved by the use of local exhaust ventilation.

9. Physical and Chemical Properties

Appearance:	Opaque	**Physical State:**	Liquid
Odor:	Solvent	**Odor Threshold:**	No Information
Density, lb/gal:	9.360	**pH:**	No Information
Specific Gravity:	1.124	**Viscosity:**	No Information
Freeze Point, °C:	No Information	**Partition Coefficient, n-octanol/ water:**	No Information
Solubility in Water:	No Information		
Decomposition temperature, °C	No Information	**VOC (lb/gal)**	0.95
Boiling Range, °C:	>= 255		
		Explosive Limits, %:	1.7 - 7.6
		Flash Point:	26 °C / 78 °F
		Auto-Ignition Temperature, °C	No Information

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

REACTIVITY: Flammable.

STABILITY: Stable under recommended storage conditions. Risk of ignition. To avoid thermal decomposition, do not overheat. Keep away from open flames, hot surfaces and sources of ignition.

CONDITIONS TO AVOID: Excessive heat. Storage near to reactive materials. Take precautionary measures against static discharges. Direct sources of heat.

INCOMPATIBILITY: Oxidizing agents. Reducing agents. Risk of explosion if heated under confinement. Vapors are flammable. May form explosive mixtures in air.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

11. Toxicological Information

Practical Experiences

MOST IMPORTANT SYMPTOMS: No Information

EFFECT OF OVEREXPOSURE - INHALATION: No Information

EFFECT OF OVEREXPOSURE - INGESTION: No Information

EFFECT OF OVEREXPOSURE - SKIN CONTACT: Direct skin contact may cause irritation.

EFFECT OF OVEREXPOSURE - EYE CONTACT: No Information

EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS: No Information

PRIMARY ROUTE(S) OF ENTRY: No Information

CARCINOGENICITY: Based on available data, the classification criteria are not met.

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
28182-81-2	HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE	N.I.	>2000 mg/kg Rat	18.5 mg/L Rat (Vapor)
123-86-4	BUTYL ACETATE	10768 mg/kg Rat	>17600 mg/kg Rabbit	N.I.
822-06-0	HEXAMETHYLENE DIISOCYANATE MONOMER	738 mg/kg Rat	>7000 mg/kg Rat	0.06 mg/L Rat (Vapor)

N.I. = No Information

12. Ecological Information

ECOLOGICAL INFORMATION: No Information

PERSISTENCE AND DEGRADABILITY: No Information

BIOACCUMULATIVE POTENTIAL: No Information

MOBILITY IN SOIL: No Information

OTHER ADVERSE ECOLOGICAL EFFECTS: No Information

Ecotoxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
BUTYL ACETATE 123-86-4	EC50 72 h Desmodesmus subspicatus 674.7 mg/L	LC50 96 h Lepomis macrochirus 100 mg/L, LC50 96 h Pimephales promelas 17 - 19 mg/L	No Information
HEXAMETHYLENE DIISOCYANATE MONOMER 822-06-0	No Information	LC50 96 h Brachydanio rerio 26.1 mg/L	No Information

13. Disposal Information

Product

DISPOSAL INFORMATION: Disposal should be in accordance with applicable regional, national and local laws and regulations. Dispose of contents/container to an approved waste disposal plant.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spilled material. Transfer to secure containers.

Where necessary, collect using absorbent media. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations. Water spray may reduce vapor; but may not prevent ignition in closed spaces. Dispose of material in accordance with all federal, state and local regulations.

CONTAMINATED PACKAGING: Do not re-use empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste:

Chemical Name	CAS-No.
BUTYL ACETATE	123-86-4
HEXAMETHYLENE DIISOCYANATE MONOMER	822-06-0

14. Transport Information

DOT

UN No	UN1263
Proper Shipping Name:	Paint
Hazard Class:	3
Hazard Subclass:	N/A
Packing Group:	III

IMDG

UN No	UN1263
IMDG/GGVSee Class:	3
EmS-No:	F-E, S-E
Packing Group:	III
Proper Shipping Name:	Paint
Primary Shipping Hazard:	No Information
Marine Pollutant:	Not Applicable
Shipping Hazard(Marine Pollutant):	No Information

IATA

UN No	UN1263
ICAO/IATA Class:	3
Packing Group:	III
Proper Shipping Name:	Paint
Primary Shipping Hazard:	No Information

MEX

UN No	UN1263
Proper Shipping Name:	Paint
Hazard Class:	3
Hazard Subclass:	N/A
Packing Group:	III

15. Regulatory Information

U.S. Federal Regulations:

CAA (Clean Air Act):

U.S. -CAA (Clean Air Act) - 1990 Hazardous Air Pollutants. This product contains the following HAPs:

Chemical Name	CAS-No.
HEXAMETHYLENE DIISOCYANATE MONOMER	822-06-0

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
BUTYL ACETATE	5000 lb	N/A	N/A	X

CERCLA - SARA Hazard Category:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Flammable (gases, aerosols, liquids, or solids), Specific target organ toxicity (single or repeated exposure)

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372: .

No Sara 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:All Components of the product are listed or excluded from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) Inventory except as provided below:

No TSCA components exist in this product.

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE					X
BUTYL ACETATE	X	X	X		X
HEXAMETHYLENE DIISOCYANATE MONOMER	X	X		X	X

CALIFORNIA PROPOSITION 65 CARCINOGENS:

WARNING

The following ingredients present in the product are known to the state of California to cause Cancer:

No Proposition 65 Carcinogens exist in this product.

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS:

WARNING

The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

International Regulations: As follows -

INTERNATIONAL INVENTORIES:

TSCA	Complies
DSL	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECI	Complies

PICCS	Complies
AICS	Complies
NZIoC	Complies
TCSI	Complies

Legend:

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL	Canadian Domestic Substances List
DSL/NDSL	Canadian Domestic Substances List/Canadian Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
PICCS	Philippines Inventory of Chemicals and Chemical Substances
AICS	Australian Inventory of Chemical Substances
NZIoC	New Zealand Inventory of Chemicals
TCSI	Taiwan Chemical Substance Inventory

Mexico - Grade **Serious risk, Grade 4**

Chemical Name	CAS-No.	Carcinogenic Status	Exposure Limits
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE	28182-81-2	N/A	N.D.
BUTYL ACETATE	123-86-4	N/A	Mexico STEL: 200 ppm Mexico TWA: 150 ppm
HEXAMETHYLENE DIISOCYANATE MONOMER	822-06-0	N/A	Mexico TWA: 0.005 ppm

16. Other Information

Revision Date: 7/29/2025 **Supersedes Date:** 6/19/2025

Datasheet produced by: Regulatory Department

NFPA Rating:

Health:	2	**Flammability:**	2	**Instability:**	0

HMIS Ratings:

Health:	2	**Flammability:**	2	**Reactivity:**	0	**Personal Protection:**	X

Volatile Organic Compounds, gr/ltr: 114

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.

ObjectId: 50090 78580 191417