

SAFETY DATA SHEET

Section 1 - Product and Company Identification

MIDWEST CHEMICAL
6425 PINECASTLE BLVD.

ORLANDO

FL32809

(407)240-8560

INFOTRAC Emergency response #: 800-535-5053

HMIS Code	
2	HEALTH
3	FLAMMABILITY
0	REACTIVITY
G	PERSONAL PROTECTION

Product Code

CROSSLINK - URETHANE CATALYST

Section 2 - Hazards Identification

Flammable Liquids - Category 2

Skin Corrosion/Irritation - Category 2

Germ Cell Mutagenicity - Category 2

Carcinogenicity - Category 2

Specific Target Organ Toxicity (Single Exposure) - Category 3 (respiratory irritation, narcosis)

Aspiration Hazard - Category 1

Hazardous to the Aquatic Environment, Acute Hazard - Category 3

GHS Label Elements



Symbols

FLAMMABLE HEALTH HAZARD IRRITANT

Signal Word

Danger

Hazard Statements

Flammable liquid and vapor. H225
Causes skin irritation. H315
May cause respiratory irritation. H335
May cause drowsiness or dizziness. H336

Precautionary Statements

Prevention

Keep away from heat/sparks/open flames/hot surfaces. No smoking P210
Keep container tightly closed. P233

Wear protective gloves/protective clothing/eye protection/face protection P280
Wash hands and forearms thoroughly after handling. P264
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid breathing fume/mist/vapors/spray. P261

Response

In case of fire: Use water spray, fog or foam to extinguish. P370+P378
IF ON SKIN (OR HAIR): Wash with plenty of soap and water P302

Storage

Store in a well-ventilated place. Keep Cool. Keep container tightly closed. P403

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations. P501

Section 3 - Composition/ Information on Hazardous Ingredients

% by Weight Range

<u>Chemical</u>	<u>CAS</u>	Lower	Upper
BUTYL ACETATE	123-86-4	7	11
ETHYL ACETATE	141-78-6	29	40
ISOCYANATE	28182-81-2	0	1
PM ACETATE	108-65-6	1	3
XYLOL / XYLENE	1330-20-7	5	8

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Section 4 - First Aid Measures

Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical

Skin Contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases, and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before using.

Serious Skin Contact: Wash with disinfectant soap and cover the contaminated skin with anti-bacterial cream. Seek immediate medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing, such as collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion: Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are a possible indication the toxic was ingested; the absence of such signs, however is not conclusive. Loosen tight such as collar, tie, belt or waistband. If victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention

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Section 5 - Fire Fighting Measure

Flammability Limits

Flashpoint: 25 F Flammability Class: **FLAMMABLE**

LEL: 1.0 UEL: 11.5

Extinguishing Media: Carbon Dioxide, dry chemical, foam

Unusual fire and explosion hazards: Closed containers may explode when exposed to extreme heat. Applications to hot surfaces require special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Special Fire Fighting Procedures: Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water can be used to cool closed containers to prevent pressure buildup and possible auto-ignition or explosion when exposed to heat.

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Section 6 - Accidental Release Measures

Steps to be taken in case material is released or spilled:

Small Spill: Extinguish possible sources of ignition. Evacuate all unprotected personnel and ventilate area. Only personnel equipped with proper respiratory, skin/eye protection should enter spill area. Dike area to contain spill and clean up by absorbing on an inert absorbent or other means. Don't flush into sewers or natural waterways.

Large Spill: Contain material as described above and call the local fire or police department for immediate emergency assistance

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Section 7 - Handling and Storage

Precautions: Keep away from heat. Keep away from sources auto-ignition. Consult NFPA Code.

Use approved bonding and grounding procedures. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

Storage: Flammable materials should be stored in a separate safely storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. Are refrigerated room would be preferable for material with a flash point lower than 37.8 C (100 F)

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Section 8 - Exposure Controls / Person Protection

Precautions to be taken in use: only with adequate ventilation. If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure guidelines, additional ventilation or exhaust systems may be required.

Where explosive mixtures may be present, electrical systems safe for such locations must be
Avoid contact with skin and eyes. - Avoid breathing vapor and spray mist. - Wash hands after using

Ventilation: Local exhaust preferable. General exhaust acceptable if the exposure to materials in section 2 is maintained applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108

Respiratory Protection: personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

Protective Gloves: gloves that are recommended by glove supplier for protection against materials in Section

Eye Protection: Wear safety spectacles with imperforated side shields

Other Precautions: Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

Color/Appearance	CLEAR		
Product Weight/Gallon:	8.39	Boiling Point (F)	172.00
Specific Gravity:	1.01	V.O.C.	469Gms/Ltr
Vapor Density:	Heavier than Air	% Volatile Volume:	52.40

Section 10 - Stability and Reactivity

<u>Stability:</u>	Stable		
<u>Conditions to Avoid:</u>	None Known	<u>Hazardous decomposition products (by fire):</u>	Carbon Dioxide, Carbon Monoxide
<u>Incompatibility:</u>	None Known	<u>Hazardous polymerization:</u>	Will not occur

Section 11 - Toxicological Information

Routes of Exposure: Inhalation of vapor or spray mist. Eye or skin contact with the product, vapor or mist spray.

Effects of Exposure:

Eyes: Irritation

Skin: Prolonged or repeat exposure may cause irritation

Inhalation: Irritation of the upper respiratory system. May cause the nervous system depression.

Extreme exposure may result in unconsciousness and possibly death.

Signs and Symptoms of exposure:

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mist Redness and itching or burning sensation may indicate eye or excessive skin exposure

Medical conditions aggravated by exposure: None generally recognized.

Section 12 - Ecological Information

Ecological information: no data available

Section 13 - Disposal Considerations

Waste Disposal Method: Water must be disposed of in accordance with Federal, State, Provincial and Local regulation

Container Disposal: Empty containers by removing the top and inverting to allow all free flowing products to drain. To meet regulatory criteria, the container is considered empty when less than 3% remains in the container.

Additional special handling is not typically required and the empty container can be discarded with other non-hazardous trash Note: Local disposal regulations may be more stringent and require additional restrictions or precautions. Customers should check with their local disposal company, municipal or state authority. Recycle of metal or plastic containers require clean rather than empty containers. In this case the containers can be rinsed with mineral spirits until the containers are considered generally product free. Waste from this product may be hazardous as defined under Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Section 14 - Transport Information

US Ground (DOT) - 5 Liter (1.3 Gallons) and less may be classed as LTD,QTY, (Paint or Related)

Larger containers are regulated as: UN1263, PAINT, 3 PG III, (ERG #128)

DOT Classification FLAMMABLE LIQUID
DOT Hazardous substances and Reportable Quantities - Xylenes (mixed isomers) 100 Lb
IMO - 5 Liters (1.3 Gallons) and less may be shipped as Limited Quantity
UN1263, Paint, 3, PG III, (5 C c.c.) EMS F-E, S-E
IATA/ICAO - UN1263, PAINT, 3, PGIII

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Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) Supplier notification
All chemicals in this product are listed, or are exempt from listing on the TSCA inventory.

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Section 16 - Other Information

Latest Revision 06/15/16

MANUFACTURER DISCLAIMER

The information in this MSDS was obtained from sources which we believe are reliable. However, the above information is provided without warranty, expressed or implied, regarding its correctness. The conditions or methods in handling, storage, use and disposal of the product are beyond control and may be beyond our knowledge. For this and other reasons, we do not responsibility and expressly disclaim liability for loss, damage or expense arising out of or in way connected with the handling, storage, use or disposal of the product.

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