



Safety Data Sheet

GLITSA INFINITY CROSSLINKER

2/24/2016

PRODUCT NAME: GLITSA INFINITY CROSSLINKER
PRODUCT CODE: 03-701

HMIS CODES: H F R P
1*1 0 J

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Rudd Company, Inc.
ADDRESS: 1141 N.W. 50th Street, Seattle WA 98107-5120
EMERGENCY PHONE: Call Chemtrec 1-800-424-9300 (spill, leak, fire, accident)
INFORMATION PHONE: 206-789-1000
NAME OF PREPARER: Rudd Company, Inc. - Regulatory Department

===== SECTION II - HAZARDS IDENTIFICATION =====

GHS CLASSIFICATION:

Eye Irritation 2
Acute Toxicity 4

PICTOGRAM:



SIGNAL WORD:

WARNING

HAZARD STATEMENTS:

Harmful in contact with skin. Causes serious eye irritation.

PRECAUTIONARY STATEMENTS:

Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. **IF ON SKIN:** Gently wash with plenty of soap and water. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

===== SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
POLYFUNCTIONAL AZIRIDINE	64265-57-2		76
ETHYLENE GLYCOL MONOPROPYL ETHER	2807-30-9		24

===== SECTION IV - FIRST AID MEASURES =====

GENERAL ADVICE:

Have Material Safety Data Sheet available when calling Poison Control Center (1-800-222-1222) or physician; or when going to the emergency room.

IF INHALED:

If affected by breathing odors or vapors, remove to fresh air. Get medical attention if symptoms persist. **IN CASE OF SKIN CONTACT:** Wash with soap and water. Remove and clean contaminated clothing and shoes. Get medical attention if irritation persists.

IN CASE OF EYE CONTACT:

Immediately flush with large amounts of water for at least 15 minutes, while lifting upper and lower eyelids. Get medical attention immediately.

IF SWALLOWED:

If person is conscious, give large quantities milk or water (mix with cornstarch if available). DO NOT induce vomiting. Call Poison Control Center (1-800-222-1222) or physician immediately.

===== SECTION V - FIREFIGHTING MEASURES =====



EXTINGUISHING MEDIA: FOAM, CO₂, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES:

Evacuate all unnecessary personnel. Use full protective equipment, including self-contained breathing apparatus.

UNUSUAL FIRE PRECAUTIONS:

None known.

Hazardous combustion by-products: see SECTION X

===== **SECTION VI - ACCIDENTAL RELEASE MEASURES** =====

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Evacuate unnecessary personnel. Wear full protective equipment. **SMALL SPILLS:** Take up with sand or other non-combustible absorbent material, and place in containers for disposal. **LARGE SPILLS:** Dike drains to prevent entering storm drains or sanitary sewers, lakes, rivers, streams or waterways. Neutralize by spreading soda ash (or appropriate base material) liberally over spill. Mop up cautiously with plenty of water. Store in containers for proper disposal.

For specific information: see SECTION VIII

===== **SECTION VII - HANDLING AND STORAGE** =====

KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY!

PRECAUTIONS FOR SAFE HANDLING:

Avoid spraying hot surfaces. Avoid breathing vapors and spray mists. Avoid contact with eyes and skin. Do not take internally. Use adequate methods of ventilation, respiratory and personal protective equipment. Follow label warnings until thoroughly cleaned or sent for disposal. Do not remove or deface label. Do not transfer to unlabeled container.

CONDITIONS FOR SAFE STORAGE:

Keep container closed when not in use and during transit. Do not store above 120 deg. F (50 deg. C). Keep in upright position and protect container from damage. Do not store where contact with incompatible material could occur, even during an accidental spill or release. Before using two-component coatings, read the MSDS and label of both products. Mixtures will have hazards of both components.

===== **SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION** =====

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS:

POLYFUNCTIONAL AZIRIDINE ACGIH TLV: Not Est. OSHA PEL: Not Est.
ETHYLENE GLYCOL MONOPROPYL ETHER ACGIH TLV: Not Est. OSHA PEL: Not Est. Other: 20 ppm (skin)

RESPIRATORY PROTECTION:

DANGER! Any person exposed to this material in the form of an AEROSOL or MIST from spray operations must wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's instructions for use. **DO NOT** use single use or disposable respirators or particle masks. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's instructions for use.

VENTILATION:

USE ONLY WITH ADEQUATE VENTILATION. Provide mechanical ventilation, local exhaust or other appropriate means of ventilation to prevent vapor build-up.

HAND PROTECTION:

Wear impermeable acid-resistant gloves to prevent skin contact. Consult safety equipment supplier for specific recommendations of construction material.

EYE PROTECTION:



Wear full face shield designed to protect eyes and skin from liquid splash and mists, unless full facepiece respirator is worn. Note: Contact lenses may contribute to the severity of an eye injury and should not be worn when working with chemicals.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Wear protective clothing to avoid skin contact with liquid or mists.

APPROPRIATE ENGINEERING CONTROLS:

Eye washes and safety showers are recommended in the workplace. Wash hands after using and before eating, drinking or using tobacco products. Thoroughly clean contaminated clothing and shoes before reuse. Periodically monitor exposure levels to hazardous ingredients listed in section II and review permissible limits.

===== SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES =====

BOILING RANGE: 301
FLASH POINT: 120
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.3 UPPER: 15.8
MELTING POINT: Not available
DENSITY: 8.55 lb/gl
RELATIVE DENSITY: No Data
V.O.C. (Coating): 2.08 lb/gl 250 g/l
V.O.C. (Material): 2.08 lb/gl 250 g/l (Emitted VOC)
LB HAP/LB SOLIDS 0.3
LB VOC/LB SOLIDS 0.3
SOLIDS % BY WEIGHT 75.6
VAPOR DENSITY: Heavier than air.
VAPOR PRESSURE: See SECTION III
EVAPORATION RATE: Slow (compared to n-butyl acetate)
SOLUBILITY IN WATER: Moderate
APPEARANCE AND ODOR: Clear colorless liquid, mild odor.
VISCOSITY: No Data

===== SECTION X - STABILITY AND REACTIVITY =====

REACTIVITY:

Will not occur.

STABILITY:

Stable

POSSIBILITY OF HAZARDOUS REACTIONS: None known

CONDITIONS TO AVOID:

High temperature and humidity, ignition sources and vapor build-up.

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong Oxidizing agents Acids Anhydrides

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Carbon Monoxide Carbon Dioxide Hydrocarbons

===== SECTION XI - TOXICOLOGICAL INFORMATION =====

ACUTE TOXICITY:

ETHYLENE GLYCOL MONOPROPYL ETHER: LD50 Oral - Rat - male - 3,089 mg/kg
LC50 Inhalation - Mouse - 7 h - 1530 ppm
LD50 Dermal - Rabbit - male - 1,337 mg/kg

PRIMARY ROUTE(S) OF EXPOSURE: Inhalation, skin contact, ingestion.



INHALATION:

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May cause sensitization and allergic respiratory reaction with asthma-like symptoms.

EYE CONTACT:

Contact with liquid or vapors causes severe irritation (redness, watering, itching, stinging, blurred vision) burns and cornea damage.

SKIN CONTACT:

May cause sensitization and allergic skin reaction (contact dermatitis). Contact causes severe irritation (dryness, itching, cracking, rash and swelling).

SKIN ABSORPTION:

May be absorbed through the skin in harmful amounts. Repeated and prolonged contact may have a cumulative effect. Symptoms may include headache, dizziness, nausea, weakness, loss of coordination.

SWALLOWING:

Causes nausea, vomiting and diarrhea.

CARCINOGENICITY: Not Applicable

NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:

Respiratory tract irritation, nausea, eye disorders, skin disorders, sensitization to chemical substances.

===== **SECTION XII - ECOLOGICAL INFORMATION** =====

TOXICITY:

ETHYLENE GLYCOL MONOPROPYL ETHER: Toxicity to fish static test LC50 - Pimephales promelas (fathead minnow) - > 5,000 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates static test LC50 - Daphnia (water flea) - > 5,000 mg/l - 48 h Toxicity to algae static test EC50 - Pseudokirchneriella subcapitata - > 100 mg/l - 72 h

===== **SECTION XIII - DISPOSAL CONSIDERATIONS** =====

WASTE DISPOSAL METHODS:

Waste material and empty containers must be disposed of in accordance with all local, state and federal environmental control regulations. Use only approved waste management facilities.

===== **SECTION XIV - TRANSPORT INFORMATION** =====

DOT (US): Not Regulated

Contact your supplier for specific information.

===== **SECTION XV - REGULATORY INFORMATION** =====

COMMUNITY RIGHT TO KNOW LIST

MASSACHUSETTS RIGHT TO KNOW: None known.

PENNSYLVANIA RIGHT TO KNOW: None known.

NEW JERSEY RIGHT TO KNOW: None known.

The following statement is required by California Proposition 65 (Safe Drinking Water and Toxic Reform Act of 1986).
Warning! This product contains a chemical known to the state of California to cause cancer.

===== **DISCLAIMER** =====

DISCLAIMER: THE INFORMATION CONTAINED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE RELIABLE. TO THE BEST OF OUR KNOWLEDGE AND BELIEF ALL INFORMATION IS ACCURATE AND IS PROVIDED IN GOOD FAITH. HOWEVER, NO GUARANTEE OF ACCURACY IS MADE OR IMPLIED.