



Safety Data Sheet

GLITSA INFINITY II LVOC

PRODUCT NAME: GLITSA INFINITY II LVOC (all sheens)
PRODUCT CODE: 270098.30

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

===== 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
Skin Irritation 2
Reproductive Toxicity 1B
Specific Target Organ Toxicity (Single Exposure) 3

PICTOGRAM:



SIGNAL WORD:

WARNING

HAZARD STATEMENTS:

May causes skin irritation. May cause respiratory irritation. May damage fertility or the unborn child.

PRECAUTIONARY STATEMENTS:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Use only outdoors or in a well ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required. **IF ON SKIN:** Wash with plenty of soap and water. **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **IF exposed or concerned:** Get medical advice/attention Specific treatment (see supplemental first aid instructions on the label or in Section IV of the SDS). If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container according to local and federal regulations.

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

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE	WEIGHT
		mm Hg @ TEMP	PERCENT
* n-METHYL-2-PYRROLIDONE	872-50-4		5-7
DIPROPYLENE GLYCOL MONOMETHYL ETHER	34590-94-8		2-3

*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

===== 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:

Remove from exposure to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get medical attention immediately.



IN CASE OF SKIN CONTACT:

Immediately wash with soap and water. Remove contaminated clothing and shoes. Wash or clean thoroughly before reuse. Get medical attention if irritation persists.

IN CASE OF EYE CONTACT:

Immediately flush with plenty of water for 15 minutes, while lifting upper and lower eyelids. Get medical attention.

IF SWALLOWED:

DO NOT induce vomiting. Call Poison Control Center (1-800-222-1222) or physician immediately. Note: Aspiration of solvents may result in chemical pneumonia.

===== **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 AND Product can splatter when heated. Dried film can burn. Vapors are heavier than air and may travel along ground to distant sources of ignition.

Hazardous combustion by-products: see SECTION X

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

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

If odor is strong or spill is excessive, ventilate area, evacuate unnecessary personnel and wear full protective equipment. Dike and contain spill with inert material. Transfer liquid to containers for disposal or recovery. Prevent material from entering storm drains or sanitary sewers and open bodies of water.

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 breathing vapors and sanding or grinding dusts. 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:

* n-METHYL-2-PYRROLIDONE ACGIH TLV: Not Est. OSHA PEL: Not Est. Other: 19 ppm mist
DIPROPYLENE GLYCOL MONOMETHYL ETHER ACGIH TLV: 100 ppm OSHA PEL: 100 ppm Other: (SKIN)

RESPIRATORY PROTECTION:

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 gloves to prevent skin contact. Consult safety equipment supplier for specific recommendations of construction materials.

EYE PROTECTION:

Wear eye protection designed to protect eyes against 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 overspray.

APPROPRIATE ENGINEERING CONTROLS:

Eye washes 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: 212 F - 395
FLASH POINT: n/a
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.3 **UPPER:** 9.5
MELTING POINT: Not available
DENSITY: 8.7-8.9 lb/gl
RELATIVE DENSITY: No Data
V.O.C. (Coating): 2.24-2.30 lb/gl 268-275 g/l
V.O.C. (Material): 0.89-0.90 lb/gl 106-110 g/l (Emitted VOC)
LB HAP/LB SOLIDS 0.01
LB VOC/LB SOLIDS 0.3
SOLIDS % BY WEIGHT 32-33
VAPOR DENSITY: Heavier than air.
VAPOR PRESSURE: See SECTION III
EVAPORATION RATE: Slow (compared to n-butyl acetate)
SOLUBILITY IN WATER: Appreciable
APPEARANCE AND ODOR: Translucent 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 Alkalis Oxygen

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Carbon Monoxide Carbon Dioxide Hydrocarbons



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

ACUTE TOXICITY:

n-METHYL-2-PYRROLIDONE : LD50 Oral - Rat - 3,914 mg/kg

LD50 Dermal - Rabbit - 8,000 mg/kg

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

INHALATION:

Vapors and mists may irritate nose, throat and lungs (burning, stinging, coughing). May cause headache, dizziness, nausea, weakness, shortness of breath and loss of coordination. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

EYE CONTACT:

Contact with liquid or vapors causes irritation (redness, watering, itching, stinging, blurred vision).

SKIN CONTACT:

Contact causes 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:

n-METHYL-2-PYRROLIDONE: Toxicity to fish LC50 - other fish - 4,000 mg/l - 96 h LC50 - Leuciscus idus (Golden orfe) - > 500 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates - EC50 - Daphnia magna (Water flea) - > 1,000 mg/l - 24 h

Toxicity to bacteria LC50 - Bacteria - > 9,000 mg/l

=====**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):

Contact your supplier for specific information.

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

SARA 313 COMPONENTS, SARA 311/312 HAZARDS:

COMMUNITY RIGHT TO KNOW LIST

MASSACHUSETTS RIGHT TO KNOW:

DIPROPYLENE GLYCOL MONOMETHYL ETHER n-METHYL-2-PYRROLIDONE

PENNSYLVANIA RIGHT TO KNOW:

DIPROPYLENE GLYCOL MONOMETHYL ETHER n-METHYL-2-PYRROLIDONE



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NEW JERSEY RIGHT TO KNOW:

DIPROPYLENE GLYCOL MONOMETHYL ETHER n-METHYL-2-PYRROLIDONE

The following statement is required by California Proposition 65. Warning! This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

===== **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.