

# SAFETY DATA SHEET

Prepared August 23, 2016

## 1. CHEMICAL PRODUCT AND IDENTIFICATION

PRODUCT NAME: **NC-342 & NC-414**

PRODUCT DESCRIPTION: Polyethylene Cylinder Netting

**DISTRIBUTOR:**

Ratermann Manufacturing, Inc.  
601 Pinnacle Place  
Livermore, CA 94550  
(925) 606-2949

**EMERGENCY PHONE:**

8:30 A.M. - 4:30 P.M.  
(302) 378-8888

**CHEMICAL TYPE:** Low Density Polyethylene



## 2. HAZARDOUS IDENTIFICATION

<b>GHS Signal Word</b>	<b>None</b>
<b>GHS Hazard Phrases</b>	<b>No phrases apply</b>
<b>GHS Caution Phrases</b>	<b>No phrases apply</b>
<b>GHS Precaution Phrases</b>	<b>No phrases apply</b>
<b>GHS Response Phrases</b>	<b>No phrases apply</b>
<b>GHS Storage and Disposal</b>	<b>No phrases apply</b>
<b>OSHA Regulatory Status</b>	While this material is not classified as hazardous under OSHA regulations, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
<b>Potential Health Effects (Acute and Chronic)</b>	The components of this product are embedded in an impervious polymer matrix and therefore present a negligible exposure risk under normal conditions of processing and handling.
<b>Inhalation</b>	Fumes produced during melt process may cause eye, skin and respiratory irritation. Secondary operations such as material transfer, grinding, sanding or sawing can produce combustible dust.
<b>Skin Contact</b>	Heated material can cause thermal burns resulting in pain, redness and blistering.
<b>Eye Contact</b>	May cause eye irritation
<b>Ingestion</b>	May be harmful if swallowed.
<b>Medical Condition Generally Aggravated by Exposure</b>	None Known

### 3. COMPOSITION, INFORMATION ON INGREDIENTS

<b>Component</b>	<b>CAS #</b>	<b>Weight %</b>
<b>Low Density Polyethylene*</b>	<b>9002-88-4</b>	<b>99%</b>
<b>UV Stabilizer</b>		<b>1%</b>

\*Polyethylene may contain antioxidants or other additives which are held as trade secrets by the resin supplier.

No components are designated as hazardous by the OSHA Hazard Communication Standard 29CFR1910.1200

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### 4. FIRST AID MEASURES

<b>Emergency and First Aid Procedures:</b>	<b>For processing fume inhalation, leave the contaminated area and breathe fresh air.</b>
<b>In Case of Inhalation:</b>	<b>Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.</b>
<b>In Case of Skin Contact:</b>	<b>Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water</b>
<b>In Case of Eye Contact:</b>	<b>In case of contact, immediately flush eyes with copious amounts of water for at least {15} minutes.</b>
<b>In Case of Ingestion:</b>	<b>If swallowed, wash out mouth with water provided person is conscious. Call a physician.</b>
<b>Signs and Symptoms Of Exposure</b>	<b>The components of this product are embedded in an impervious polymer matrix and therefore present a negligible exposure risk under normal processing conditions</b>
<b>Note to Physician:</b>	<b>None</b>

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## 5. FIRE FIGHTING MEASURES

OSHA CLASSIFICATION: Combustible solid

AUTO IGNITION TEMP: NA

FLASHPOINT: > 343°C

NFPA Health 0 Flammability 1 Instability 0

HMIS Health 0 Flammability 1 Instability 0

EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide, dry chemical

FIRE FIGHTING PROTECTION: Wear self contained breathing apparatus and full turn out gear

FIRE HAZARDS: Toxic gases, carbon monoxide, carbon dioxide, acetaldehyde, etc. may form on combustion

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## 6. ACCIDENTAL RELEASE MEASURES

CLEANUP: Dispose in waste container to avoid trip hazards. Place in a suitable container.

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## 7. HANDLING AND STORAGE

HANDLING Avoid contact with eyes.  
Avoid breathing dust

STORAGE: Store at cool and clean, dry area.

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## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any nuisance dust generated during slitting of this product.

EYE: Use eye protection to prevent particulate damage during cutting or slitting operations.

SKIN: Depending on the specific geometry of the product cut ends may be sharp and net may be abrasive. Gloves should be worn if cut edges are sharp or net is abrasive.

INHALATION: This material does not have established exposure limits. Under conditions of normal use respiratory protection is not necessary. At elevated temperatures small quantities of toxic gases may be released which may require use of face masks or other respiratory equipment. During cutting operations a dust mask or respirator should be worn if significant dust is generated

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Translucent, diamond shaped netting  
VAPOR PRESSURE: None  
MELTING POINT: ≈100°C  
SOLUBILITY IN WATER: Insoluble

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## 10. STABILITY AND REACTIVITY

STABILITY: Hazardous polymerization will not occur.  
INCOMPATIBILITY: Decomposition begins above 200°C.  
HAZARDOUS DECOMPOSITION PRODUCTS: During a fire, irritating and highly toxic gases, such as carbon monoxide, carbon dioxide, and acetaldehyde may be generated by thermal decomposition or combustion.  
CONDITIONS TO AVOID: Do not store near heat, flame, or strong oxidizing agents.

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## 11. TOXICOLOGICAL INFORMATION

SKIN IRRITATION Not toxic

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## 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA  
ECOTOXICOLOGICAL INFORMATION  
ECOLOGICAL COMMENTS Material should be considered non-biodegradable

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## 13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL Recycle if possible. Bury in landfill or burn in adequate incinerator in accordance with all Federal, State and Local regulations. These products are not defined or designated hazardous by current provisions of 40 CFR 261.

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## 14. TRANSPORT INFORMATION

DOT Not Regulated for transport  
TDG Not Regulated for transport  
IMDG/IMO Not Regulated for transport  
ARD/RID Not Regulated for transport

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**15. REGULATORY INFORMATION**

TSCA All components are registered or exempt

FIFRA This product does not contain chemicals requiring registration

CANADA DSL&NDSL All components in this product appear on the DSL or NDSL

CALIFORNIA PROP 65 No ingredients

CERCLA/SARA 313 No ingredients

MA RTK

NJ RTK

PA RTK

WHMIS(Canada)