

# SAFETY DATA SHEET

NuShield Inc.  
2865 South Eagle Road #400  
Newtown, PA 18940-1546

Emergency Telephone No.  
CHEMTREC: (800) 424-9300  
NUSHIELD: (215) 500-6426

**PRODUCT NAME:** NuShield Film

Revision Date: December 6, 2005

**PRODUCT CODE:** Varies

Supersedes Date: March 7, 2002

| <b>2. PRODUCT COMPOSITION</b>                                                                                                                                                                                                                           |                                                            |                                            |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------|------------------|
| Product Classification: Polymer film.                                                                                                                                                                                                                   |                                                            |                                            |                  |
| <b>HAZARDOUS COMPONENT(s)</b>                                                                                                                                                                                                                           |                                                            | <b>C.A.S. No.</b>                          | <b>Percent</b>   |
| None as Defined by 29 CFR 1910.1200.                                                                                                                                                                                                                    |                                                            |                                            |                  |
| <b>3. HAZARD IDENTIFICATION</b>                                                                                                                                                                                                                         |                                                            |                                            |                  |
| This product is classed as an article under H&S legislation and is not bound by regulations on hazardous substances. Contains no volatile organic compounds or photochemically active solvents. Not reportable under SARA Title III S.313.40 CFR 372.65 |                                                            | <b><u>Protective Measures:</u></b><br>None |                  |
| <b>4. FIRST AID MEASURES</b>                                                                                                                                                                                                                            |                                                            |                                            |                  |
| <b>Eye Contact:</b>                                                                                                                                                                                                                                     | Consult physician if physical damage to eyes has occurred. |                                            |                  |
| <b>Skin Contact:</b>                                                                                                                                                                                                                                    | No special precautions                                     |                                            |                  |
| <b>Ingestion:</b>                                                                                                                                                                                                                                       | Seek medical attention.                                    |                                            |                  |
| <b>Inhalation:</b>                                                                                                                                                                                                                                      | N/A                                                        |                                            |                  |
| <b>5. FIRE FIGHTING MEASURES</b>                                                                                                                                                                                                                        |                                                            |                                            |                  |
| <b>Flash Point:</b> N.A.                                                                                                                                                                                                                                | <b>Method:</b> N.A.                                        | <b>LEL:</b> N.A.                           | <b>UEL:</b> N.A. |
| <b>EXTINGUISHING MEDIA/FIRE FIGHTING PROCEDURES</b>                                                                                                                                                                                                     |                                                            |                                            |                  |
| Use the following extinguishing media when fighting fires involving this material: water fog, foam, dry chemical, or carbon dioxide.                                                                                                                    |                                                            |                                            |                  |
| <b>UNUSUAL HAZARDS</b>                                                                                                                                                                                                                                  |                                                            |                                            |                  |
| None                                                                                                                                                                                                                                                    |                                                            |                                            |                  |

| <b>6. ACCIDENTAL RELEASE MEASURES</b>                                          |  |  |  |
|--------------------------------------------------------------------------------|--|--|--|
| <b>RELEASE RESPONSE</b>                                                        |  |  |  |
| Sweep/shovel up and transfer into a suitable container for re-use or disposal. |  |  |  |
| <b>PERSONAL PROTECTIVE EQUIPMENT</b>                                           |  |  |  |
| N.A.                                                                           |  |  |  |

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| <b>7. HANDLING AND STORAGE</b>         |      |
|----------------------------------------|------|
| <b>HANDLING</b>                        |      |
| No special precautions.                |      |
| <b>STORAGE</b>                         |      |
| No special precautions.                |      |
| <b>8. EXPOSURE CONTROL INFORMATION</b> |      |
| <b>OCCUPATIONAL EXPOSURE LIMITS</b>    |      |
|                                        | N.A. |
| <b>ENGINEERING CONTROL MEASURES</b>    |      |
| N.A.                                   |      |
| <b>PERSONAL PROTECTION EQUIPMENT</b>   |      |
| Respiratory:                           | N.A. |
| Hand:                                  | N.A. |
| Eye:                                   | N.A. |
| <b>OTHER CONTROL MEASURES</b>          |      |
| N.A.                                   |      |

| <b>9. PROPERTIES</b>                   |                             |                                                   |
|----------------------------------------|-----------------------------|---------------------------------------------------|
| <b>Appearance:</b> Clear flim          | <b>Odor:</b> None           | <b>pH:</b> N.A.                                   |
| <b>Boiling Range:</b> N.A.             | <b>Melting Range:</b> N.A.  | <b>Specific Gravity:</b><br>1.4                   |
| <b>Solubility:</b> Insoluble in water. | <b>Vapor Density:</b> N.A.  | <b>Vapor Pressure:</b><br>N.A.                    |
| <b>% Volatile:</b> N.A.                | <b>Freezing Point:</b> N.A. | <b>Density at 20- C:</b><br>1.4 g/cm <sup>3</sup> |

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| <b>10. REACTIVITY INFORMATION</b>                                                                                                                                                                                                                                            |                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <b>Conditions to Avoid:</b>                                                                                                                                                                                                                                                  | Temperatures above 300° C.                                               |
| <b>Materials to Avoid:</b>                                                                                                                                                                                                                                                   | None known.                                                              |
| <b>Hazardous Decomposition:</b>                                                                                                                                                                                                                                              | Thermal decomposition may produce ethylene glycol and terephthalic acid. |
| <b>Stability:</b>                                                                                                                                                                                                                                                            | This material is stable under normal operating conditions.               |
| <b>11. HEALTH/TOXICITY INFORMATION</b>                                                                                                                                                                                                                                       |                                                                          |
| <b>HEALTH HAZARDS</b>                                                                                                                                                                                                                                                        |                                                                          |
| <u>Effects of Acute Exposure</u><br>Inhalation: N.A.<br>Skin Contact: Material is not expected to cause irritation.<br>Skin Absorption: This material can not be absorbed through the skin.<br>Eye Contact: Material may produce (mechanical) irritation.<br>Ingestion: N.A. |                                                                          |
| <u>Effects of Chronic Over Exposure</u><br>None expected.                                                                                                                                                                                                                    |                                                                          |
| Listed as a suspected carcinogen on: IARC: No NTP: No OSHA: No                                                                                                                                                                                                               |                                                                          |
| Medical Conditions Aggravated: None                                                                                                                                                                                                                                          |                                                                          |
| <b>TOXICITY INFORMATION</b>                                                                                                                                                                                                                                                  |                                                                          |
| None determined.                                                                                                                                                                                                                                                             |                                                                          |

| <b>ENVIRONMENTAL/DISPOSAL CONSIDERATIONS</b>                                       |  |
|------------------------------------------------------------------------------------|--|
| <b>12. ENVIRONMENTAL HAZARDS</b>                                                   |  |
| None known.                                                                        |  |
| <b>13. DISPOSAL CONSIDERATIONS</b>                                                 |  |
| Dispose of in accordance with local, state and federal regulations as solid waste. |  |

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| <b>14. TRANSPORTATION</b>            |                            |               |                  |
|--------------------------------------|----------------------------|---------------|------------------|
| <b>Shipping Name:</b> Not regulated. |                            | <b>Label:</b> | N.A.             |
| <b>Hazard Class:</b> N.A.            | <b>Packing Group:</b> N.A. |               | <b>UN#:</b> N.A. |

| <b>15. REGULATORY INFORMATION</b>                                                                     |               |                       |               |
|-------------------------------------------------------------------------------------------------------|---------------|-----------------------|---------------|
| <b>CHEMICAL INVENTORIES</b> In compliance denotes that all components are on the inventory or exempt. |               |                       |               |
| U.S. TSCA Inventory:                                                                                  | In Compliance | Canadian Inventory:   | In Compliance |
| European Inventory:                                                                                   | In Compliance | Japanese Inventory:   | In Compliance |
| Korean Inventory:                                                                                     | In Compliance | Australian Inventory: | In Compliance |
| <b>SARA 313 Information</b>                                                                           |               |                       |               |
| Not regulated under SARA Section 313.                                                                 |               |                       |               |
| <b>OTHER REGULATORY INFORMATION</b>                                                                   |               |                       |               |
| None known.                                                                                           |               |                       |               |

| <b>16. OTHER INFORMATION</b> |   |
|------------------------------|---|
| <b>HMIS Ratings:</b>         |   |
| HEALTH                       | 0 |
| FLAMMABILITY                 | 0 |
| REACTIVITY                   | 0 |