1–SUBSTANCE/PREPARATION
Elastomeric Chain Elastic (metallics not included)
Product Name: 2363-80 AE Polyurethane Elastomers
Chemical Family: Thermoplastic Polyurethane
Chemical Name: Polyurethane Polyester Elastomer
Formula: N/A – Not Applicable-Polymeric Material

2–COMPOSITION/INFORMATION ON INGREDIENTS
Polyurethane from Methylene diphenyl Diisocyanate, 1, 4-butanediol and polytetramethylene glycol >98%
CAS# 03783-28-1
Additives <2%

3–HAZARDOUS INGREDIENTS
This product contains no hazardous ingredients as defined under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

4–PHYSICAL PROPERTIES
Physical Form: Pellets
Color: Clear
Odor: Odorless
pH: Not Established
Boiling Point: Not Applicable
Melting/Freezing Point: 500°F
Solubility in Water: Insoluble
Specific Gravity: 1.1-1.2
Bulk Density: Approximately 10.01 lbs/gal
% Volatile by Volume: Negligible
Vapor Pressure: Negligible

5–FIRE AND EXPLOSION DATA
Flash point: Not Applicable
Flammable limits:
Upper Explosive Limit (UEL) (%): Not Established
Lower Explosive Limit (LEL) (%): Not Established
Extinguishing Media: Water, Dry Chemical, Carbon Dioxide, Foam
Special Fire Fighting Procedures: Full emergency equipment with self-contained breathing apparatus should be worn by firefighters. During a fire irritating and toxic gases and aerosols may be generated by thermal decomposition and combustion. See Section VIII.

6–HUMAN HEALTH DATA
Route(s) of Entry: Eye contact with fines (dust). Inhalation of fumes such as those evolved in the molding process.
Acute Effects of Exposure: Material is a non-reactive solid pellet. Mechanical irritation (i.e. abrasion) to the eyes may occur due to exposure to fines. Eyes may become red, feel scratchy and may tear. NOTE: Gases and fumes evolved during the thermal processing or decomposition of this material may irritate the eyes, skin or respiratory tract.
Chronic Effects of Exposure: None Known
Carcinogenicity: The components of this product are not listed by NTP, IARC or regulated as a carcinogen by OSHA.
Medical Conditions Aggravated by Exposure: None Known.
Exposure Limits: Although no exposure limit has been established for this product, the OSHA PEL for nuisance dust of 15 mg/m3-total dust, 5 mg/m3-respirable dust is recommended. In addition, the ACGIH-TLV for nuisance dust of 10 mg/m3 is recommended.

7–EMERGENCY AND FIRST AID PROCEDURES
First Aid for Eyes: Flush eyes with plenty of lukewarm water. See physician if irritation is present and persists.
First Aid for Skin: Wash affected areas with soap and water.
First Aid for Inhalation: Remove to fresh air.
First Aid for Ingestion: Single dose considered low. Non hazardous under normal conditions.

8–EMPLOYEE PROTECTION RECOMMENDATIONS
Eye Protection Requirements: Safety glasses recommended.
Skin Protection Requirements: None required, but fabric gloves are recommended when handling molten material.
Respirator Requirements: NIOSH/MSHA approved dust respirator recommended if the airborne dust concentration is near or exceeds the nuisance dust exposure limits. During die cleaning operations, high temperature processing and/or circumstances where decomposition is suspected, a NIOSH approved supplied air respirator is recommended to protect against Diphenylmethane Diiaocyanate (MDI) fumes.
Ventilation Requirements: Thermal processing equipment should be ventilated to control gases and fumes given off during processing. Diphenylmethane Diisocyanate (MDI) could be liberated in small amounts. OSHA PEL for MDI is 0.02 ppm which is a ceiling value not to be exceeded. ACGIH TLV for MDI is 0.005 ppm TWA.

9–REACTIVITY DATA
Stability: This is a stable material.
Hazardous Polymerization: Will not occur.
Incompatibilities: None known.
Instability Conditions: None known.
Decomposition Products: By fire: CO2, CO, aromatic or aliphatic fragments, traces of HGN, MDI.

10–SPILL AND LEAK PROCEDURES
Spill or Leak Procedures: Remove mechanically by method which minimizes generation of airborne dust.
Waste Disposal Method: Material may be incinerated or landfilled in compliance with Federal, State, and local environmental control regulations.

11–SPECIAL PRECAUTIONS AND STORAGE DATA.
Storage Temperature (Min/Max): Ambient
Shelf Life: Not Applicable
Special Sensitivity: Moisture
Handling/Storage Precautions: Material should be stored in a clean, dry environment in sealed containers.

12–SHIPPING INFORMATION
D.O.T. Shipping Name: None
Technical Shipping Name: Polyurethane Polyester Elastomer
D.O.T. Hazard Class: Non-Regulated
U.N./N.A. Number: None
Product Rq (lbs): None
D.O.T. Label: None
D.O.T. Placard: None
Freight Class Package: Plastic Materials, O/T Exp. Pellet
Product Label: Texin 480A Natural (Pellets)

13–ANIMAL TOXICITY DATA
No animal toxicity information available.

14–FEDERAL REGULATORY INFORMATION
OSHA Status: This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, thermal processing and decomposition fumes from this product may be hazardous as noted in Section 5.
TSCA Status: On TSCA Inventory.
CERCLA Reportable Quantity: None
SARA Title III:
Section 302 Extremely Hazardous Substances: None.
Section 311/312 Hazard Categories: Non-hazardous under Section 311/312.
Section 313 Toxic Chemicals: None
SCRA Status: If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic. However, under RCRA, it is the responsibility of the product user to determine the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24).

15–OTHER REGULATORY INFORMATION
The following chemicals are specifically listed by individual states; other product-specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.
Component Name: Polyurethane Polyester Elastomer.
CAS Number: 26375-23-5
Concentration: >99%
State Code: PA3, NJ4
NJ4 – New Jersey Other – Included in 5 predominant ingredients >1%
PA3 – Pennsylvania Non-hazardous present at 3% or greater.
California Proposition 65: To the best of our knowledge, this product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive effects.
Massachusetts Substance List (MSL): Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products. To the best of our knowledge, this product contains no substances at a level which could require reporting under the statute.

ODP, Inc. 1370 Decision Street, Suite D Vista, California USA ● Telephone 760-734-3995 ● E-mail: info@odpinc.com
15–OTHER INFORMATION
The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. Therefore, it should not be construed as guaranteeing specific properties.