



MATERIAL SAFETY DATA SHEET

LNP Engineering Plastics Inc.
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Exton, PA 19341

Phone: 610-363-4500 (9am-5pm)
CHEMTREC: 800-424-9300 (24hrs.)

1. CHEMICAL NAME AND COMPANY IDENTIFICATION

Product Code: 732-984-000
Product Name: STAT-KON DS-

Effective Date: 31OCT2000
Date Printed: 26JUL2002

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS #	% Wt.	Exposure Limits	
			PEL	TLV
Polycarbonate (PC)	n/a	56- 66	15 mg/m3	10 mg/m3
Polycarbonate (PC)	25037-45-0	8- 18	15 mg/m3	10 mg/m3
Stainless steel fibers	mixture	3- 13	15 mg/m3	10 mg/m3
Proprietary component	Proprietary	> 3	15 mg/m3	10 mg/m3
Proprietary component	Proprietary	> 3	Not available	

All components appear on the TSCA Chemical Substance Inventory.

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Pellets may give off an odor. Spilled material may present a slip hazard. Pellet material can burn in a fire creating dense smoke. Molten plastic can cause severe thermal burns. Fumes produced during melt processing may cause eye, skin, and respiratory tract irritation. If recommended processing and manufacturing guidelines are followed, this product should not pose a hazard to the users. However, secondary operations such as grinding, sanding, or cutting may create dust which can present an explosion or respiratory hazard.

POTENTIAL HEALTH EFFECT

Toxicity information is not available for this composite. Health hazard assessment is based on information for the component raw materials used to manufacture this product.

EYES:

Product may cause irritation due to mechanical action.

SKIN CONTACT:

Pellet material is not likely to cause irritation. Secondary operations such as grinding, sanding, or cutting may release dust particles which can irritate the skin.

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MSDS: 732-984-000 STAT-KON DS-

Page 2

SKIN ABSORPTION:

Not likely to occur due to nature of the product.

INGESTION:

Not acutely toxic.

INHALATION:

Pellets are not considered to be an inhalation hazard.

Processing this compound may release the following by-products which may irritate the respiratory system:

Chromium compounds
Nickel compounds
Brominated materials

MELT PROCESSING HEALTH EFFECTS:

- Contact with molten plastic can cause severe burns.
- Processing fumes may cause irritation to the eyes, skin, and respiratory tract.
- In cases of severe exposure, nausea and headaches may develop.

4. FIRST AID MEASURES

EYES:

If contact with the eyes occurs, immediately remove any contact lenses and flush with copious quantities of water for a minimum of 15 minutes. Consult a physician for medical treatment.

SKIN:

Wash material off skin with soap and water. If redness, itching or burning sensation develops consult a physician for medical treatment.

INGESTION:

Not probable due to nature of the product. If a large amount of pellet material is swallowed, consult a physician for medical treatment.

INHALATION:

Not probable due to physical form of the product.

MELT PROCESSING FIRST AID MEASURES:

- For skin contact with molten plastic material, cool rapidly with water or ice and consult a physician for medical treatment.
- For processing fume inhalation or irritation, immediately leave the contaminated area for fresh air. If coughing, difficulty breathing or other respiratory symptoms develop, consult a physician for medical treatment.
- For skin contact with fume condensate, wash thoroughly with soap

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MSDS: 732-984-000 STAT-KON DS-

Page 3

and water. If irritation develops, consult a physician for medical treatment.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flash Point:449C

Method used:Not available

FLAMMABLE LIMITS

LFL:Not available

UFL:Not available

EXTINGUISHING MEDIA:

Water spray, foam, carbon dioxide (CO2) or dry chemical.

FIRE & EXPLOSION HAZARDS:

During a fire, irritating smoke and toxic gases and aerosols may be generated by thermal decomposition and combustion. Refer to STABILITY AND REACTIVITY SECTION, "HAZARDOUS DECOMPOSITON PRODUCTS".

FIRE FIGHTING EQUIPMENT:

Approved pressure demand breathing apparatus and full protective equipment should be worn by fire fighting personnel to extinguish fires.

6. ACCIDENTAL RELEASE MEASURES

Loose pellets may present a slipping hazard. Sweep up immediately and place in proper container for disposal and/or recovery.

7. HANDLING STORAGE

Store in a cool dry warehouse. Excessive heat may cause a build-up of fumes from this product in the head space of the container. Refer to STABILITY AND REACTIVITY SECTION, "HAZARDOUS DECOMPOSITION PRODUCTS".

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

With properly designed ventilation, use of respiratory protection should not be necessary. When processing fumes are not adequately controlled, use a NIOSH/MSHA approved respirator for the hazard present. When dust or powders from secondary operations such as grinding, sanding or cutting are not adequately controlled, use a NIOSH/MSHA approved respirator for the hazard present.

SKIN PROTECTION:

When handling pelletized material, avoid prolonged or repeated contact with the skin. Wear long pants, long sleeve shirt, well insulated gloves and faceshield for protection from thermal burns.

LNP American
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MSDS: 732-984-000 STAT-KON DS-

Page 4

EYE PROTECTION:

Safety glasses or chemical tight goggles.

EXPOSURE GUIDELINE(S):

Refer to COMPOSITION/INFORMATION ON INGREDIENTS SECTION.

ENGINEERING CONTROLS:

Provide local exhaust ventilation to remove fumes and/or dust which may be generated during processing of this product.

Ventilation design requirements must be locally determined to limit exposures in the workplace.

9. PHYSICAL PROPERTIES

Appearance: Thermoplastic pellets

Odor:None

Melting point: 150

Vapor Pressure:Not available

Vapor Density:Not available

Solubility in water:Not available

Specific gravity: 1.55 ± 0.1

Freezing point:Not applicable

pH:Not available

Volatile:Negligible

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal processing conditions. Consult product label for processing information.

INCOMPATIBILITY (SPECIFIC MATERIALS TO AVOID):

Chlorinated hydrocarbons, strong bases, strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide, phenol derivatives, bisphenol A, methane, diphenylcarbonate, hydrocarbon fragments, nickel oxides, iron oxides, chromium oxides, hydrogen bromide, bromine.

11. TOXICOLOGICAL INFORMATION

Toxicological data for this product is not available. Health hazard assessment is based on the information available for the component raw materials used to manufacture this product.

12. ECOLOGICAL INFORMATION

Plastic pellets are inert and benign in terms of their physical impact on the environment.

LNP America
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MSDS: 732-984-000 STAT-KON DS-

Page 5

13. DISPOSAL CONSIDERATION

Recycling or reuse of this product is encouraged, however, if discarded in its purchased form, this material is not a hazardous waste as defined by 40 CFR261, "Identification and Listing of Hazardous Waste." Dispose of this material in accordance with local, state and federal environmental regulations.

14. TRANSPORT INFORMATION

TRANSPORTATION AND HAZARDOUS MATERIALS DESCRIPTION:

This material is not a Hazardous Material for Shipment in accordance with the United States Department of Transportation Regulations.

15. REGULATORY INFORMATION

OSHA STATUS:

This product contains the following materials which are regulated under 29CFR1910.1000 Subpart Z.

Not Regulated.

CERCLA REPORTABLE QUANTITY:

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES:
RQ 5000 lbs. Chromium; RQ 1000 lbs. Nickel

SECTION 311/312 HAZARD CATEGORIES:*

Not Regulated.

* Please refer to SECTION 3 HAZARD IDENTIFICATION - EMERGENCY OVERVIEW.

SECTION 313 TOXIC CHEMICALS:
Chromium & Nickel Compounds >0.1%

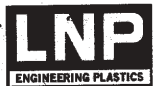
STATE REGULATORY INFORMATION:

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	CAS #	State Code
Methylene Chloride	75-09-2	CA, FL, MA, MI, PA
Bisphenol A	32844-27-2	NJ, PA
Chromium	7440-47-3	CA, FL, MA, MI, MN, NJ, PA
Nickel	7440-02-0	FL, MA, MI, MN, NJ, PA
Bromine	7726-95-5	FL, MA, MN, NJ, PA

LNP American
Management System
registered to:





A GE Plastics Company

MSDS: 732-984-000 STAT-KON DS-

Page 6

16. OTHER INFORMATION

MSDS STATUS:

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of LNP Engineering Plastics. The data on this Material Safety Data Sheet relates to this specific product. However, it may not be valid for this product if used in combination with any other materials or processes. It is the responsibility of the user to determine the suitability and completeness of the information for particular use.

MSDS INTENTION:

The information contained in this MSDS is for compliance with the OSHA Hazard Communication Standard. It is not intended as representation of the physical properties or specifications of this product.

MSDS CHANGE:

The following changes have been made to this MSDS:

03/01/2002 Corrected CAS # for Bromine from 7726952 to 7726956.

*** END OF MSDS ***

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