

Issue Date: 20/12/2012
Last Revision Date: 12/10/2023
Superseded Date: 02/07/2018
Version Number: 03

SAFETY DATA SHEET



HEALTH	0
FIRE	1
REACTIVITY	0
PERSONAL PROTECTION	0

Product Code: FMN95RN

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SECTION 1 PRODUCT IDENTIFICATION

Product Name: Liv Genuine N95 Face Mask Respirator
Product Description: Meltblown Polypropylene Fabric for Mask Filter

SECTION 2 HAZARD IDENTIFICATION

Hazard to the Health of Individuals: This product is not toxic.

Emergency Overview: Irritating vapors to respiratory system and eyes may form when polymer is processed at high temperatures. Molten or burning material on skin can cause severe burns

Routes of Entry: FOR HOT MATERIAL: Skin contact, Eye contact, Inhalation.

Potential Acute Health Effects:

Eyes: Slightly hazardous by the following route of exposure: of eyecontact (irritant) Heated Polymer: Eye contact can cause serious thermal burn. Vapors formed whose polymer is heated may be irritating to the eye

Skin: No known acute effects of this product resulting from skin contact. However in light of good industrial hygiene, exposure to any chemical should be kept to a minimum.

Inhalation: Negligible at room temperature. Nuisance dusts can be irritating to the upper respiratory tract. Irritating vapors may form when the polymer is processed at high temperatures and burning

Ingestion: No effect are expected for ingestion of a small amounts. Swallowing may be a choking hazard

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: This material is not a known carcinogen. Classified NONE by NTP, NONE by OSHA, 3 (not classifiable for humans) by IARC

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

Medical Conditions Aggravated by Overexposure: There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate any medical condition

Overexposure / Signs / Symptoms: No information available

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Description: Mixture of substances listed below with additions

Components Number:	CAS Number
Polypropylene	9003-07-0

SECTION 4 FIRST AID MEASURES

After Inhalation: In general, the material is not expected to present an inhalation hazard. Where have inhalation supply fresh air.

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After Skin Contact: In general, the material is not expected to present an skin contact hazard. Cool skin rapidly if contacted with molten or burning polymer. Obtain medical attention for thermal burns.

After Eye Contact: Immediately flush eyes with plenty of water in a few minutes, occasionally lifting the upper and lower eyelids.

Ingestion: No adverse health effects expected from little ingestion. If symptoms persist consult doctor.
After first aid, get appropriate in-plant, paramedic, or community medical support

SECTION 5 FIRE FIGHTING MEASURES

General Information: In case of fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Decomposes at high temperatures, resulting in toxic and corrosive products. Containers may explode when heated.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam. Cool containers with flooding quantities of water until well after fire is out.

Auto Ignition Temperature: >345° C (estimated)

LEL: Not Determined.

UEL: Not Determined.

Special Fire and Explosion Hazards: None.

Existing Using Media: Dry Chemical, Carbon Dioxide and Foam.

Unusual Fire or Explosion Hazards: None.

Heated and Burning Polymer: Skin contact can cause serious thermal burns.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Small Spill and Leak: This product is solid. If scattered on the ground, pick up the material back to container. Good housekeeping must be maintained at all times to avoid slipping hazard.

Large Spill and Leak: No danger. Material can be recycled and repackaged.

SECTION 7 HANDLING AND STORAGE

Handling: Handling of plastic may form nuisance dust. Protect personnel. Pneumatic material handling and processing equipment may generate dust of sufficiently small particle size. Dust accumulations should be controlled through a comprehensive dust control program that includes, but is not limited to, source capture, inspection and repair of leaking equipment, routine housekeeping and employee training in hazards. See NFPA654.

Storage: Keep container dry. Keep in a cool place. Ground all equipment containing material. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation and Engineering Controls: No special ventilation and engineering controls are required, handling of this product needs to be kept in good ventilation.

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Respiratory Protection:	No special respiratory protection is required for use of this product. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHS Standard, applicable U.S. State regulations, or the Canadian CSA standard.
Body Protection:	No special protective clothing is required.
Protective Gloves:	Unnecessary, when needed, choose rubber acid-resistant gloves or other insulated gloves.
Eye Protection:	Unnecessary, when needed, wear chemical goggles or face shield.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

General Information

Form:	Soild
Color:	White
Odour:	Odourless
Change in Condition	
Meting Point / Range:	160~180°C
Boiling Point / Range:	Not available
Flash Point:	Not applicable
Self-Igniting:	Product is not self igniting
Danger of Explosion:	Product does not present an explosion hazard
Density	
Relative Density:	0.9~0.92 (Water=1)
Vapour Density:	Not available
Evaporation Rate:	Not applicable
Solubility in / Miscibility with	
Water:	Insoluble
pH Value:	Not available
Viscosity	
Dynamic:	Not available

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability:	The product is stable
Incompatibilities with Other Materials:	Incompatible or reative with flourine gas, oxidizing agents (nitric acid and perchloric acid) and aromatic and chlorinated hydrocarbons.
Hazardous Decomposition Products:	The following combustion products may be generated: carbon dioxide, carbon monoxide, water vapor, and trace volatile organic compounds.
Hazardous Polymerization:	Hazardous polymerization will not occur.

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SECTION 11 TOXICOLOGICAL INFORMATION

Toxicity to Animals

LD50: Not available

LC50: Not available

Chronic Effects on Humans: CARNICOGENIC EFFECTS: Classified NONE by NTP, NONE by OSHA. 3 (not classifiable for human) by IARC

Other Toxic Effects on Humans: None

Carcinogenicity: None determined

Mutagenicity: None determined

Teratogenicity: None determined

SECTION 12 ECOLOGICAL INFORMATION

Instability: Not applicable

Persistence / Degradability: Like plastic in the long term.

Environmental Precautions: Minimize the potential harm to the environment, to dispose of in accordance with the norms, the general will not result in the impact and harm aquatic plants.

SECTION 13 DISPOSAL CONSIDERATIONS

Product: Must be disposed of in accordance with applicable federal, state and local regulations.

Recommendation: Must not be dispose together with household garbage. Do not allow product to reach sewage system.

Uncleaned Packaging: Recommendation: Disposal must be made according to official regulations.

Hazardous Polymerization: Hazardous polymerization will not occur.

SECTION 14 TRANSPORT INFORMATION

DOT Classification for Bulk Shipments (non bulk shipments may differ): Not a DOT controlled material (United States)

UN Number: Not applicable

Packaging Group: Not applicable

Marine Pollutant: Not available

Hazardous Substance Reportable Quantity: Not available

Special Provisions for Transport: Not applicable

TDG Classification: Not controlled under TDG (Canada)

ADR/RID Classification: Not controlled under ADR (Europe)

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IMO/IMDG Classification: Not controlled under IMDG

ICAO/IATA Classification: Not controlled under IATA

SECTION 15 REGULATORY INFORMATION

HCS Classification: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

U.S. Federal Regulation: Not available.

TSCA Inventory: All components are exempted.

SARA 301/302/303: No chemicals in this product are listed as extremely hazard substances in 40 CFR 355, Emergency Planning and notification (Appendix A to Part 355)

SARA 304: No chemicals in this product require reporting under the requirement of 40 CFR 355, Emergency Planning and Notification (SARA extremely hazardous substances listed in Appendix A to Part 355 or CERCLA hazardous substances listed in Table 302.4 of 40 CFR Part 302)

SARA 313: This product contains no chemicals in excess of the applicable de minimis concentration that are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (Table 372.65).

SARA 311/312: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29CFR 1910.1200, and as such does not require reporting under the requirements of 40 CFR 370, Hazardous Chemical

Reporting: Community Right-To-Know. Specific state and local regulations should be consulted to determine if there are any additional requirements. Because many states and localities have added requirements or incorporated the Federal. Contents in their own forms, Tier I & II forms should be obtained from the State Emergency Response Commission (SERC).

Clean Air Act (CAA) 112 No products were found.

Accidental Release Prevention:

Clean Air Act (CAA) 112 No products were found.

Regulated Toxic Substances:

Clean Air Act (CAA) 112 No products were found.

Regulated Toxic Substances:

International Regulations

WHMIS: Not controlled under WHMIS

DSCL: Not controlled under DSCL

State Regulation: No products were found.

California Prop.65: There are no Proposition 65 chemicals present in our products at levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.

SECTION 16 OTHER INFORMATION

Reason for Revision: To bring to date.

END OF SDS

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