

SAFETY DATA SHEET

10401, 13120, 13400, 13401, 13402, 13403, 13410, 13420, 13421

MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD 29 CFR 1910.120

SECTION I - IDENTIFICATION

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SECTION II - Hazardous Ingredients/Identity Information

Non-Hazardous in 29 CFR Part 1910.1200 (OSHA)
 Polypropylene – Non-Woven Fabric - Polyolefin chemical family – H(CH₂)_xH
 Consists of: Polypropylene 92% CAS#9003-07-0
 Minor Additives 8%

Product and/or Components entered on EPA's TSCA Inventory: Yes.

SECTION III - Physical/Chemical Characteristics

Boiling Point	N/AP	Specific Gravity	0.91 at 60/60F (H ₂ O=1)
Vapor Pressure	N/AP	Melting Point	N/AP
Vapor Density	N/AP	Evaporation Rate	N/AP
Solubility in Water	Negligible	Odor	Negligible
Appearance	Fabric	Viscosity	N/AP

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used): 409F (COC, ASTM D92)
 Flammable Limits: N/AP LEL: N/AP UEL: N/AP
 Extinguishing Media: Foam, CO₂, dry chemicals
 Special Fire Fighting Procedures: For large fires or fires in confined areas, use NIOSH/MSHA approved self-contained breathing apparatus. Use water spray to cool exposed equipment and containers.
 Unusual Fire and Explosion Hazards: None Known.

SECTION V – Reactivity Data

Stable. Hazardous polymerization will not occur.

SECTION VI – Health Hazard Data

Treat as a nuisance particulate. Respirable Fraction: OSHA: 5 MG/M³ Total Dust MG/M³, ACGIH 5
 Eye: Dust may cause mechanical irritation. Skin: Essentially non-irritating. Inhalation: Dust may produce mechanical irritation to the mucous membranes of the nose, throat and upper respiratory tract. Ingestion: Essentially non-toxic.
 Sub-chronic & Chronic effects of Overexposure: Rats fed diets containing 5% polypropylene for 90 days experienced no adverse effects.
 Other Health Effects: Polypropylene and polyethylene have been reported to product malignant tumors at the implantation site when solid forms (films, fragments, and sheets) are implanted in laboratory animals. Tumors generally were not noted when perforated sheets, textile fabrics or powders were implanted.
 First Aid & Emergency Procedures: Eye: Flush eyes with water. Skin: Rinse with water. Inhalation: Remove from exposure. Ingestion: N/AP

SECTION VII – Precautions for Safe Handling and Use

Waste Disposal Method: Incineration encouraged. Landfill permitted if not saturated with regulated substance. Check local regulations.

Precautions to be taken in Handling and Storing: Do not store near open flame, high heat or strong oxidants.

Other precautions: Polypropylene, when heated, becomes very sticky and will burn. Use self-contained air mask to enter smoky area in event of fire.

SECTION VIII – Control Measures

Product requires no special ventilation or protective clothing when in use.

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