



INDUSTRIES 3R

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

IDENTITY:

Part Number: **TXP 240**
Identity: Polyester Glass Mat Sheet Laminate
Description: Fiberglass Reinforced Plastics

SUPPLIER :

Industries 3R Inc.
55, route 116 Ouest
Danville (Québec) J0A 1A0
Tel: 819-839-2793
Fax: 819-839-2797

SECTION 2. HAZARDS IDENTIFICATION

In its manufactured and shipped state, the product is considered Non-Hazardous, processing, however, may generate dust and particulate matter.

GHS Information (CA)	Not classified as a hazardous substance.
Hazard Statement (USA)	Not classified as a hazardous substance.
Hazard Statement (EU)	Not classified as a hazardous substance.
Signal Word	Not Applicable
Hazard Pictogram	Not Applicable
Other Labeling Requirements	Not Applicable

Emergency Overview

Product is various colored rod. Dust generated from processing of product may cause irritation of eyes, skin, mucous membranes, and respiratory tract. The black, brown, and gray colors of the product contain carbon black which has been identified as a potential carcinogen. Wear appropriate personal protective equipment. Keep individuals not involved in the clean-up out of the area. Pick up released product with appropriate implements and return to original container if reusable. If not reusable, place in appropriate containers for disposal. Although the product itself is non-hazardous, material collected during clean-up operations may be contaminated and should be treated as hazardous unless specific testing, including TCLP, shows the collected material to be non-hazardous. Product is not expected to present an environmental hazard.

Precautionary Statements – Prevention

Wear appropriate personal protective equipment to avoid breathing dusts and particulate matter that may be generated during processing or handling. Dusts and particulate matter may cause irritation of the eyes, skin, mucous membranes and respiratory tract. Wear appropriate personal protective clothing. Provide adequate ventilation for all operations.

Precautionary Statements – Response

Keep individuals not involved in the clean-up of dusts out of the area.

Precautionary Statements – Storage

Pick up released product and dust with appropriate implements and return to original container if reusable. If not reusable, place in appropriate containers for disposal.

Precautionary Statements – Disposal

As supplied product is nonhazardous. It should be disposed of in an EPA approved landfill in accordance with all local, state, and federal regulations. Pick up released product with appropriate implements and return to original container if reusable. If not reusable, place in appropriate containers for disposal. Proprietary polymerized mixture of unsaturated polyester resins, metal carbonates, fiberglass, and pigments. Contact Röchling Corporation for the pigments in a specific product, specifying the part number. Released product and dusts should be tested with applicable methods including TCLP to determine disposal requirements.

Hazardous not otherwise classified (HNOC)

Not Applicable

Unknown Toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity.

Potential Health Effects Eye Contact:

Dusts and particulates may cause irritation of the eyes.

Skin Contact:

Dusts and particulates may cause irritation of the skin and dermatitis from prolonged exposures.

Skin Absorption:

Not known to be absorbed through the intact skin.

Ingestion:

Not expected to be an important route of entry into the body. Ingestion of large quantities of the product dusts or particulates may cause gastric discomfort or distress. Pre-existing kidney and liver conditions maybe aggravated by prolonged exposures to components of the product.

Inhalation:

Dusts or particulates may cause irritation of the mucous membranes and respiratory tract. Pre-existing lung conditions maybe aggravated by prolonged exposures to components of the product.

Interactions with Other Chemicals

No information available.

Other Information

Dust and particulates may cause slight eye irritation.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Proprietary Polymerized Mixture of Unsaturated Polyester Resins, fillers and Fiberglass.

SECTION 4. FIRST AID MEASURES

Indication of any immediate medical attention and special treatment needed

For Released Product and Dust:

Inhalation: Remove exposed person to fresh air. If breathing is difficult, oxygen may be administered. If breathing has stopped, artificial respiration should be started immediately. Seek medical attention.

Eyes: Flush with tepid water for at least 20 minutes, holding the eyelids wide open. Seek medical

attention if irritation develops.

Skin: Wash thoroughly with mild soap and water. Seek medical attention if irritation develops. Remove any contaminated clothing and launder thoroughly before reuse.

Ingestion: Not expected to be an important route of entry into the body. If large amounts of product dusts or particulates are ingested, seek medical attention.

Notes to Physician : Chronic and Carcinogenicity: Prolonged exposure to dusts or particulates may cause dermatitis. The carbon black pigment in the black, brown, and gray colors of the product has been identified as a potential carcinogen. See Section 11. Pre-existing skin, lung, kidney and liver conditions may be aggravated by exposure to the components of the product.

SECTION 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Product will not burn. Material in or near fires should be cooled with a water spray or fog if compatible with fire-fighting techniques for the other materials involved in the fire. A self-contained breathing apparatus, operating in the positive-pressure mode, and full fire-fighting gear should be worn for combating fires.

Unsuitable Extinguishing Media

Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Specific Hazards Arising from the Chemical

Fire: Product is not flammable. Small chips, turnings, dust and fines from processing may produce a class ST-1 combustible dust.

Explosion:

Product itself is not explosive but if dust is generated, dust clouds suspended in air can be explosive.

Reactivity:

Hazardous reactions will not occur under normal conditions.

Hazardous Combustion Products

Do not store with or near incompatible materials cited in Section 10. Extreme heat and fire may result in dense smoke, Carbon dioxide (CO₂), Carbon Monoxide (CO), oxides of nitrogen, and low molecular weight organic species whose composition and toxicity has not been determined. Good housekeeping and engineering practices should be employed to prevent the generation and accumulation of dusts. Wet mopping or vacuuming is recommended to clean up any dusts that may be generated during handling and processing.

Explosion Data

Sensitivity to Mechanical Impact: No

Sensitivity to Static Discharge: No

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Person precautions, protective equipment and emergency procedures

Engineering Controls

Pick up released product with appropriate implements and return to original container if reusable. If not reusable, place in appropriate containers for disposal. Not normally required under normal and expected

conditions of use. If significant amounts of dust are generated during processing, the operation should be evaluated by a professional industrial hygienist and local exhaust ventilation provided if deemed necessary. Local exhaust ventilation systems should be designed by a professional engineer.

Personal Precautions

Respiratory Protection: is not normally required under normal and expected conditions of use. If significant amounts of dust are generated during processing, the operation should be evaluated by a professional industrial hygienist and appropriate respiratory protection used if deemed necessary. All use of respiratory protections should be in accordance with the provisions of OSHA's Respiratory Protection Standard, 29 CFR 1910.134.

Eye Protection: Safety glasses with side-shields are recommended for all operations.

Protective Gloves: Polymeric or cloth gloves are recommended to prevent possible irritation.

A polymeric coated apron or other body covering is recommended where regular work clothing may become contaminated with the product. All soiled or dirty clothing and personal protective equipment should be thoroughly cleaned before reuse.

Environmental Precautions

Although the product itself is non-hazardous, dust and particles collected during clean-up operations may be contaminated and should be treated as hazardous unless specific testing, including TCLP, shows the collected materials to be non-hazardous.

Methods and material for containment and cleaning up

Methods for Containment

Product is solid material. Contain spills of dusts with appropriate barriers to prevent migration and entry into sewers and surface waters.

Methods for cleaning up

Pick up released product with appropriate implements and return to original container if reusable. If not reusable, place in appropriate containers for disposal. Appropriate personal protective equipment cited above and in Section 8 should be worn during all clean-up operations.

Although the product itself is non-hazardous, materials collected during clean-up operations may be contaminated and should be treated as hazardous unless specific testing, including TCLP, shows the collected materials to be non-hazardous.

SECTION 7. HANDLING AND STORAGE

Precautions For Safe Handling	Do not store with or near incompatible materials cited in Section 10. Store out of contact with the elements.
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Handling	Appropriate personal protective equipment cited in Section 6 should be worn during handling. Good housekeeping and engineering practices should be employed to prevent the generation and accumulation of dusts. Wet mopping or vacuuming is recommended to clean up any dusts that may be generated during handling and processing. Wash hands and face thoroughly before eating, drinking, or smoking.
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Conditions for safe storage, including any incompatibilities: Storage	Store out of contact with the elements.
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Incompatible Products None known based on information supplied.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters :

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Appropriate engineering controls :

Engineering Measures Not normally required under normal and expected conditions of use. If significant amounts of dust are generated during processing, the operation should be evaluated by a professional industrial hygienist and local exhaust ventilation provided if deemed necessary. Local exhaust ventilation systems should be designed by a professional engineer.

Individual Protection measures, Such as personal protection equipment :

Eye/Face Protection Safety glasses with side shields are recommended for all operations.

Skin and Body Protection Protective gloves: Cloth or Polymeric gloves are recommended to prevent possible irritation. General: A polymeric coated apron or other body covering is recommended where regular work clothing may become contaminated with the product. All soiled or dirty clothing and personal protective equipment should be thoroughly cleaned before reuse.

Respiratory Protection Not normally required under normal and expected conditions of use. If significant amounts of dust are generated during processing, the operation should be evaluated by a professional industrial hygienist and appropriate respiratory protection used, if deemed necessary. All use of respiratory protections should be in accordance with the provisions of OSHA'S Respiratory Protection Standard, 29 CFR 1910.134.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.
A polymeric coated apron or other body covering is recommended where regular work clothing may become contaminated with the product. All soiled or dirty clothing and personal protective equipment should be thoroughly cleaned before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and physical state:	Various colored sheets and shapes
Vapor density (air =1):	Na
Vapor pressure:	Na
Odor:	None
% volatile by volume:	Not volatile
% solubility (h20):	<1
Other:	Na
Flash point:	Na
Na	

Lel:	Na
Uel:	Na
Octanol/water partitioncoefficient:	Nd
Melt point:	Nd
Evaporation rate (butyl acetate = 1):	Na
Specific gravity/bulk density:	1.7 - 2.2 g/cc
Boiling point:	Nd
Ph:	Na
Auto ignition temperature:	Na

SECTION 10. STABILITY AND REACTIVITY

Reactivity :

Hazardous reactions will not occur under normal conditions

Chemical stability :

Product is stable under recommended handling and storage conditions.

Possibility of Hazardous Reactions :

Hazardous reactions and polymerization will not occur.

Conditions to Avoid :

Do not store with or near strong acids or bases or strong oxidizing or reducing agents; avoid generation of airborne dust or excessive dust accumulation.

Incompatibility materials :

Do not store with or near strong acids or bases or strong oxidizing or reducing agents, as these materials may damage product.

Hazardous Decompositions Products :

Thermal decomposition may produce dense smoke, oxides of carbon, nitrogen, and sulfur, and low molecular weight organic species whose composition and toxicity has not been determined.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure: Product information

Not classified for acute or chronic toxicity. The black, brown, and gray colors of the product contain carbon black which has been identified as a potential carcinogen.

Inhalation :

Dust from this product may cause irritation to the mucous membranes and respiratory tract.

Eye Contact :

Eye contact with dust from product may cause mechanical irritation.

Skin Contact :

Prolonged contact with large amounts of dust may cause mechanical irritation and dermatitis.

Chronic Symptoms :

This product contains polymers which bind the hazardous components and make inhalation unlikely. If fine dust should be produced, chronic inhalation may cause; reduced lung function, and inflammation.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	Detailed studies on the environmental fate of the produce have not been conducted. The product is, however, not expected to present a hazard to aquatic and terrestrial flora and fauna.
Persistence and Degradability	No information available.
Bioaccumulation	No information available.
Other adverse effects	No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

As supplied, product is considered non-hazardous. It should be disposed of in an approved landfill in accordance with all local, state, and federal regulations. If processed used or dust waste product is disposed of, testing, including TCLP, should be conducted to determine hazard characteristics.

Disposal methods

As supplied, product is considered non-hazardous. It should be disposed of in an approved landfill in accordance with all local, state, and federal regulations. If processed used or dust waste product is disposed of, testing, including TCLP, should be conducted to determine hazard characteristics.

Contaminated Packaging

No information available.

SECTION 14. TRANSPORT INFORMATION

In accordance with DOT:	Not regulated for transport
In accordance with IMDG:	Not regulated for transport
In accordance with IATA:	Not regulated for transport
In accordance with TDG:	Not regulated for transport

SECTION 15. REGULATORY INFORMATION

U.S. TSCA Inventory	All ingredients are on the inventory or are exempt from listing.
SARA Section 313	This product typically does not contain any compounds which are reportable under section 313 of the Superfund Amendments and Reauthorization Act of 1986. The white, gray, and tan colors of the product can contain up to 2.2% zinc compounds which are reportable under Section 313 of the Superfund Amendments and Reauthorization Act of 1986. Contact Röchling with the part number to obtain the exact percentage.
OSHA Hazard Communication Categories	Irritant, Lung Hazard, Skin Hazard, Kidney Hazard, Liver Hazard and Potential Carcinogen (if black, brown or grey colors).

SARA Hazard Categories	Not Hazardous as supplied, In use: Chronic Hazard
California Proposition 65	This product is not listed and does not contain chemicals listed in the State of California to cause cancer or reproductive toxicity.
CANADA – WHMIS Classification	Non-hazardous. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the Information required by the Controlled Products Regulations.
European Regulations	This product complies with the RoHS directive 2002/95/EC, the commission decision 2005/618/EC and WEEE requirements under commission directive 2002/96/EC.

SECTION 16. OTHER INFORMATION

Not Est. = Not Established; NA = Not Applicable; ND = Not Determined

DISCLAIMER – The information provided in this Safety Data Sheet is based on the data furnished by our suppliers. While the information and recommendations set forth herein are believed to be accurate, Industries 3R takes no warranty with respect thereto and disclaims all liability in reliance thereon. We recommend testing according to local conditions. The specifications are subject to change without notice.

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