

Material Safety Data Sheet

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Prepared: March/01/2007 by Technical Team

1. Product Identification

Product. Tacsil F20-LB
 Product name- - - - - PTFE coated fiberglass with both side silicone adhesive.

2. Hazardous Ingredients

Ingredient name/CAS number/percentage -----	Exposure Limits -----
Polytetrafluoroethylene	
CAS number 9002-84-0	OSHA. . . N/A
Percentage 25.7 – 32.0 (hazardous only above 800°F)	ACGIH. . . N/A
Glass oxide	
CAS number 65997-17-3	OSHA. . . 15MG/M3
Percentage 14.3 – 17.0	ACGIH. . . 5MG/M3
Polysiloxane	
CAS number 68083-19-2	OSHA. . . . N/A
Percentage 51.5 – 59.0 (non-hazardous)	ACGIH. . . . N/A
Carbon black	
CAS number 1333-86-4	OSHA. . . N/A
Percentage 0.6 – 2.0	ACGIH. . . N/A

3. Physical Data

Physical Form. Solid
 Appearance- - - - - Black, pliable sheet
 Boiling Point. N/A
 Melting Point- - - - - N/A

 3. Physical Data continued

Solubility in water. Not Soluble
 Specific Gravity. 1.44
 Volatiles. 1.0% (maximum)
 Evaporation Rate- - - - - N/A
 Vapor Pressure. N/A
 Volatile Organic Compounds- - None

 4. Fire and Explosion Data

Autoignition temperature	N/A
Flash point	N/A
Upper explosive limit	N/A
Lower explosive limit	N/A
Flammability limits in air	Will burn only with an ignition source
Extinguishing media	Use fog, foam, CO ₂ or as otherwise appropriate
Special firefighting procedures	Use self contained breathing apparatus. In an extreme fire, protection from hydrogen fluoride should be employed.
Fire and explosion hazards	Toxic fumes emitted at high temperatures (800°F)(427°C).

 5. Health Hazard Data

Short term effects of exposure-
 Routes of entry Inhalation
 Acute effects Polymer fume fever
 Chronic effects None
 Signs and symptoms of over exposure – Shortness of breath, flu-like symptoms

First aid procedures-
 Eye N/A
 Skin contact N/A
 Inhalation Adequate ventilation
 Ingestion N/A

Other health effects-
 Carcinogenicity No
 Long term exposure effects None known

6. Reactivity

Stability	Stable
Incompatibles	Molten alkali metals
Hazardous decomposition products	Carbonyl fluoride, hydrogen fluoride
Hazardous polymerization	Will not occur
Conditions to avoid	Do not smoke while handling this material ~ avoid getting dust or particles on tobacco
NFPA reactivity hazard class	0=insignificant

7. Spill and Leak Procedure

Spill or leak procedures	Normal cleanup
Waste disposal methods	Landfill in accordance with federal, state, and local regulations. Material is inert and is not RCRA listed.

8. Handling and Storage Procedure

Storage temperature	65°F - 75°F (18°C - 24°C)
Handling/storage	Do not expose to temperatures exceeding 500°F (260°C).

9. Other Regulatory

TSCA	Not on TSCA inventory.
SARA TITLE 111	Does not contain a toxic chemical reportable under section 313.