

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

SECTION 1 - PRODUCT IDENTIFICATION

Distributor	Clausen Carpet Solutions	Emergency Phone	800-255-3924
Address	P.O. Box 37 Folcroft, PA 19032		
Trade Name	REPEL	Product Type	Carpet Protector

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Fluoropolymer dispersion	Proprietary		Not Established
Dipropylene glycol Methyl ether	34590-94-8		100 ppm(skin) TWA(OSHA); 100 ppm(ACGIH)

Other ingredients in this product are : Less than 1% by weight or less than 0.1% for carcinogens Not hazardous Declared to be Trade Secret

SECTION 3 - PHYSICAL DATA

Boiling point(°F.)	Near 212	Specific Gravity(H ₂ O=1.0) (± 0.005)	1.000	pH (± 0.5)	6.0
Vapor Pressure(mm Hg)	Not determined	Vapor Density(Air=1)	Heavier than air		
Solubility in water	<input type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input checked="" type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)				
Evaporation Rate(vs. H ₂ O)	<input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same				
Appearance and Odor	Hazy to milky liquid, mild solvent odor.				

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point(T.C.C.)	°F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits	Upper Unknown	Lower Unknown
Extinguishing Media	CO ₂ , dry chemical, foam, water spray.			
Special Firefighting Procedures	Do not enter confined fire-spaces without protective clothing and self-contained air supply.			
Unusual Fire and Explosion Hazards	None known.			

SECTION 5 - REACTIVITY DATA

Stability	Stable	Incompatibility	Strong oxidizers
Hazardous Decomposition Products	Thermal decomposition products may include, but is not limited to oxides of carbon.		

SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure	<input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other		
Signs and Symptoms of Overexposure (Acute)	Prolonged contact of concentrated product with skin and/or eyes will cause irritation. Swallowing may irritate mouth, throat or stomach. Possible vomiting or diarrhea may occur.		
Signs and Symptoms of Overexposure(Chronic)	Not determined		
Medical Conditions Aggravated by Overexposure	Not known.	Carcinogen/Suspect Carcinogen Ingredients	<input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC <input checked="" type="checkbox"/> NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush immediately with water for at least 15 minutes. If persistent irritation occurs, call a physician.
Skin	Wash thoroughly with soap and water.
Ingestion	Drink large quantities of milk or water. Call a physician.
Inhalation	Not applicable

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	To avoid breathing mists, spray or aerosols, use a NIOSH-approved chemical cartridge respirator with chemical specific cartridges and/or pre-cartridges.				
Ventilation Requirements	<input checked="" type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Room Ventilation Is Adequate				
Protective Gloves	Rubber	Eye Protection	Safety glasses/goggles	Other Protective Clothing	Not required for normal use

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled	Absorb with suitable absorbent. For large spills, absorb with suitable absorbent, then shovel into containers.
Waste Disposal Methods	Dispose of in accordance with applicable Federal, State and Local ordinances.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage	Avoid contact with skin eyes and clothing. Wash thoroughly after handling. Use with adequate ventilation.
---	---

The health hazards given on the Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of over exposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product, under normal conditions of use.

DATE PREPARED 1/1/2008