



# Acoustical Sealant

## Flexible Synthetic Rubber Sealant

**Product Description:**

Tremco Acoustical Sealant is a single component, non-skinning, non-hardening synthetic rubber.

**Basic Uses:**

Tremco Acoustical Sealant was developed for acoustical sealing of drywall partitions, corridors and party walls. Also used as a lap joint and perimeter sealant for polyethylene vapor barriers over fiber glass batt or other insulations. May be used in contact with polystyrene.

**Limitations:**

- Do not apply to damp or contaminated surfaces
- Do not apply in exposed interior or exterior applications.

**Packaging:**

Quart (850mL) cartridges, 2 (7.6 L) and 5 gallon (18.9 L) pail and 55 gallon (208.2 L) drums.

**Standard Color:**

Dark Gray

**Applicable Standards:**

Conforms to Canadian CAN/CGSB 19.21 M87 (QPL #60963-H)

**Installation:**

Sealant is used in the design and construction of drywall partitions between individual residential units and along corridor walls. In the application, the sealant must inhibit air movement and buffer vibration, both of which contributes to sound transmission.

**Surface Preparation:**

For good adhesion, the joint interface must be sound, clean and dry. Any surface damage, dirt, dust, loose particles or other contaminants which may inhibit adhesion shall be removed from the surfaces prior to the application of the sealant. Priming is not required.

**Tooling & Cleaning:**

Tooling is recommended immediately after application to insure firm, intimate contact with the joint interface. Dry tooling is preferred, although tooling agents can be utilized. Cleaning can be accomplished with Xylol or Toluol.

**Application:**

Tremco Acoustical Sealant is easy to apply with conventional caulking equipment. Apply bead onto substrate and cover within 24 hours to prevent tracking and dirt pickup that may inhibit adhesion. Cleaning can be accomplished with Xylol or Toluol.

**Maintenance:**

Damaged sealant can be repaired. Consult your Tremco Distributor or Representative for repair procedures.

**Availability:**

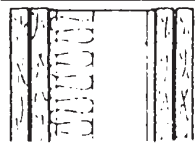
Immediately available from your local Tremco Field Representative, Tremco Distributor or Tremco Warehouse.

**Warranty:**

Tremco warrants its Sealants to be free of defects in material. But makes no warranty as to appearance or color. Since method of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Sealants. Tremco's sole obligation shall be, at its option, to replace, or to refund the purchase price of the quantity of Sealant proven to be defective and Tremco shall not be liable for any loss or damage.

### TYPICAL PHYSICAL PROPERTIES

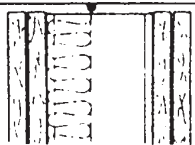
Property	Test Method (CGSB)	Typical Value
Resistance to Sag	7.1	Passes
Extrusion Rate	3.1	Passes
Viscosity	Brookfield	1,000,000 cps
Loss of Mass (after heat aging)	5.1	Passes
Resistance to Staining & Bleeding	9.2	Passes
Low Temperature Flexibility	11.1	Passes -10°C
Cracking/Blistering	19.2	Passes

**EDGE DETAIL****STC VALUE****COMMENTS**

Uncaulked

**19**

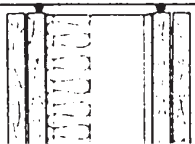
The open-edge crack dropped the STC value from 54 lab result to 19 through direct leakage



Single bead under track

**30**

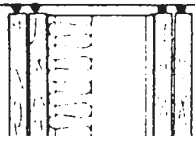
This bead closed void but did not seal leakage around the joint between wallboard and track.



Two beads. One under each inner layer of gypsum board

**48**

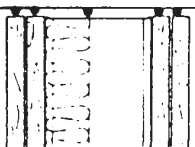
The beads closed void and sealed leakage around track. A tremendous improvement in performance.



Four beads. One under each layer of gypsum board

**51**

The void is closed; no leaks around track and wallboard; 3 db improvement in class is worthwhile.



Five beads. Two on each side plus one under the track

**52**

Void is closed. No leakage, but 1 db improvement in class does not justify expense of the fifth bead.



Six beads. Two at each side plus two under the track

**54**

Void is closed and six beads prevent any possible leakage. Again, improvement does not justify additional expense of two extra beads.

For MSDS and Spec Data Sheets,  
Call our 24 Hour Fax-Back Line:  
**1-800-551-2806**  
or visit our website:  
[www.tremcosealants.com](http://www.tremcosealants.com)

**TREMCO**

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**ACOUSTICAL SEALANT 30CTG**

Version 4.

Print Date 03/11/2010

REVISION DATE: 03/10/2010

**SECTION 1 - PRODUCT IDENTIFICATION / PREPARATION INFORMATION****Product Information**

Trade name : ACOUSTICAL SEALANT 30CTG  
Product code : 93170X 330

Supplier : Tremco Canada division  
220 Wicksteed Avenue  
Toronto, ON M4H 1G7

Telephone : (416) 421-3300  
Emergency Phone: : (613) 996-6666

Product use : Sealant

**Preparation Information**

Prepared by: : Sewnauth Raghunandan  
Date: : 03/10/2010  
Telephone : (416) 421-3300

**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

Dark Gray. Non-sag gunnable paste. No serious effects anticipated under normal conditions of use. Vapor may irritate respiratory tract. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : No serious effects anticipated under normal conditions of use. Vapor may irritate respiratory tract.  
Eyes : Slightly irritating.  
Ingestion : May cause irritation to the mouth, throat and stomach. May cause gastrointestinal irritation, nausea, and vomiting.  
Skin : Irritant effect may be delayed.

**Aggravated Medical Conditions**

Pre-existing eye, skin, liver, kidney, and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects**

Carbon black is classified by IARC to be a known animal carcinogen and a possible human carcinogen (Group 2B). Carbon black is encapsulated by resin and not expected to have adverse effects unless made airborne. Inhalation of crystalline silica (quartz) can cause cancer based on animal data, and IARC concludes sufficient evidence in humans (Group 1). Prolonged and repeated overexposure to free crystalline silica dust above the TLV level may cause scarring of the lungs with cough and shortness of breath. A delayed lung injury, silicosis may result from breathing free silica. Fillers are encapsulated and not expected to be released from product under normal conditions of use. Prolonged or repeated exposure to mineral spirits (petroleum naphtha or stoddard solvent) may cause defatting, drying, and irritation of the skin, dermatitis, central nervous system (CNS) effects, and adverse liver, kidney, and lung effects.

**SECTION 3 : HAZARDOUS INGREDIENTS**

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Chemical Name	CAS-No.	Weight % Range
Stoddard solvent (Mineral Spirits)	8052-41-3	3.0 - 7.0
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7	0.1 - 1.0
Titanium dioxide	13463-67-7	0.1 - 1.0
1,2,4-Trimethylbenzene	95-63-6	0.1 - 1.0
Carbon Black	1333-86-4	0.1 - 1.0
1,3,5-Trimethylbenzene	108-67-8	0.1 - 1.0

The ingredients listed above are hazardous as defined in the controlled products regulation. (CPR).

### SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation	:	Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
Eye contact	:	Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin contact	:	Clean area of contact thoroughly using soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
Ingestion	:	Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

### SECTION 5: FIRE / EXPLOSION HAZARDS

Flash point	:	Not available.
Method	:	Not available.
Burning rate	:	Non-flammable solid
Lower explosion limit	:	Not available.
Upper explosion limit	:	Not available.
Autoignition temperature	:	Not available.
Extinguishing media	:	If water fog is ineffective, use carbon dioxide, dry chemical or foam.
Hazardous combustion products	:	Smoke, fumes. Carbon monoxide and carbon dioxide can form.
Protective equipment for firefighters	:	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
Fire and explosion conditions	:	This product not expected to ignite under normal conditions of use.

### SECTION 6 - SPILLS / LEAKS / ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Scrape up and transfer to appropriate container for disposal.

### SECTION 7 - HANDLING AND STORAGE

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Do not use in confined or poorly ventilated areas. Store in sealed

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containers in a cool, dry, ventilated warehouse location.

### SECTION 8 - PREVENTIVE MEASURES/EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Personal protection equipment

- Respiratory protection : Not required under normal conditions of use. Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.
- Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection.
- Skin and body protection : Prevent contact with shoes and clothing.
- Protective measures : Use professional judgment in the selection, care, and use.
- Engineering measures** : General ventilation is sufficient.

#### Exposure Limits

Chemical Name	CAS Number	Regulation	Limit	Form
Stoddard solvent (Mineral Spirits)	8052-41-3	Ontario TWAEV: ACGIH TWA:	525 mg/m3 100 ppm	
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7	Ontario TWAEV: ACGIH TWA:	0.10 mg/m3 0.025 mg/m3	Respirable fraction. Respirable fraction.
Titanium dioxide	13463-67-7	Ontario TWAEV: ACGIH TWA:	10 mg/m3 10 mg/m3	Total dust.
1,2,4-Trimethylbenzene	95-63-6	Ontario TWAEV: ACGIH TWA:	123 mg/m3 25 ppm	
Carbon Black	1333-86-4	Ontario TWAEV: ACGIH TWA:	3.5 mg/m3 3.5 mg/m3	
1,3,5-Trimethylbenzene	108-67-8	Ontario TWAEV: ACGIH TWA:	123 mg/m3 25 ppm	

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Physical State : Solid
- Form : Non-sag gunnable paste
- Color : Dark Gray
- Odor : Naptha
- pH : Not available.
- Vapour pressure : Not available.
- Vapor density : Heavier than air
- Melting point/range : Not available.

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Freezing point : Not available.  
 Boiling point/range : 400 °C, 752 °F  
 Water solubility : Negligible  
 Evaporation Rate: : Not available.  
 Specific Gravity : 1.62  
 % Volatile Weight : 9 %

**SECTION 10 - REACTIVITY / STABILITY**

Substances to avoid : Oxidizing agents.  
 Stability : Material is stable under normal storage, handling, and use.  
 Hazardous polymerization : Will not occur under normal conditions.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

No Data Available

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - WASTE DISPOSAL CONSIDERATIONS**

Disposal Method : Dispose as hazardous waste according to all local, state, federal and provincial regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA**

**TDG / DOT Shipping Description:**  
 NOT REGULATED

**SECTION 15 - REGULATORY INFORMATION**

**North American Inventories:**

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

**Canadian Regulations:**

WHMIS Classification : D2A, D2B

This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**Other Regulations:**



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Regulatory VOC (less water and exempt solvent) : 155 g/l

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	2
Flammability	1
Reactivity	0
PPE	

0 = Minimum  
 1 = Slight  
 2 = Moderate  
 3 = Serious  
 4 = Severe

**Further information:**

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**Prepared by: Sewnauth Raghunandan**

**Legend**

- ACGIH - American Conference of Governmental Hygienists
- DOT - Department of Transportation
- DSL - Domestic Substance List
- EPA - Environmental Protection Agency
- HMIS - Hazardous Materials Information System
- IARC - International Agency for Research on Cancer
- MSHA - Mine Safety Health Administration
- NDSL - Non-Domestic Substance List
- NIOSH - National Institute for Occupational Safety and Health
- NTP - National Toxicology Program
- OSHA - Occupational Safety and Health Administration
- PEL - Permissible Exposure Limit
- RCRA - Resource Conservation and Recovery Act
- STEL - Short Term Exposure Limit
- TLV - Threshold Limit Value
- TSCA - Toxic Substances Control Act
- TWA - Time Weighted Average
- V - Volume
- VOC - Volatile Organic Compound
- WHMIS - Workplace Hazardous Materials Information System