



Hilti (Canada) Corporation

MSDS No.: 326C
Revision No.: 001
Prep. Date: 12/01/09
Page: 1 of 2

MATERIAL SAFETY DATA SHEET

Product identifier: CP 506 Smoke & Acoustic Sealant
Product use: Smoke/Acoustic Acrylic Based Sealant for Non Fire Rated Assemblies
Supplier: Hilti (Canada) Corporation, 2360 Meadowpine Blvd., Mississauga, Ontario L5N 6S2
Originator: Hilti, Inc., P. O. Box 21148, Tulsa, Oklahoma, USA 74121
Emergency number: Chem-Trec: 1 800 424 9300

INGREDIENTS INFORMATION

| Ingredient | CAS Number | % (wt.) | LC ₅₀ (rat) | LD ₅₀ (rat) | TLV | STEL |
|------------------|------------|---------|------------------------|------------------------|----------------------|-----------------------------|
| Ethylene glycol | 00107-21-1 | 01 - 05 | N/Av | 5500 mg/kg (mouse) | N/E | C:100 mg/m ³ (A) |
| Titanium dioxide | 13463-67-1 | 01-05 | N/Av | N/Av | 10 mg/m ³ | N/E |

PHYSICAL PROPERTIES

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|-----------------------------------------------------|-----------------|-----------------------------|-----------------|
| Appearance / Physical state: | White paste. | Odour: | Mild odour. |
| Specific gravity (at 20°C): | 1.50 | VOC Content: | 57.0 g/l |
| Vapour pressure (at 20°C): | Not applicable. | Vapour density: | Not applicable. |
| Evaporation rate: | Not determined. | Boiling point: | Not determined. |
| Freezing point: | Not determined. | pH: | 9.2 |
| Coefficient of H₂O / oil distrib: | Not determined. | Solubility in water: | Miscible. |

FIRE AND EXPLOSION DATA

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|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------|
| Flash point / Method: | Nonflammable. | Flammable limits: | Not applicable. |
| Conditions of flammability: | Not applicable. | Auto-ignition temperature: | Not applicable. |
| Means of extinction: | Not applicable. As appropriate for surrounding fire (e.g. Water, CO ₂ , Dry Chemical, Foam). | | |
| Special fire fighting procedures: | None known. A NIOSH-approved self-contained breathing apparatus (SCBA) should be worn when fighting fires involving chemicals. | | |
| Hazardous combustion products: | Thermal decomposition products such as oxides of carbon and nitrogen can be produced under fire conditions. | | |
| Sensitivity to mechanical impact / static discharge: | Not susceptible to mechanical impact or to a static discharge. | | |

REACTIVITY DATA

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|------------------------------------------|----------------------------------------------------------------|--------------------------------|--------------------------|
| Stability: | Stable. | Incompatible materials: | Strong oxidizing agents. |
| Conditions of reactivity: | None known. | | |
| Hazardous decomposition products: | Thermal decomposition can yield oxides of carbon and nitrogen. | | |

TOXICOLOGICAL PROPERTIES

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|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Routes of exposure: | <input checked="" type="checkbox"/> Skin contact <input type="checkbox"/> Skin absorption <input checked="" type="checkbox"/> Eye contact <input type="checkbox"/> Inhalation <input type="checkbox"/> Ingestion | | |
| Exposure limits: | See "Ingredients" section above. | | |
| Acute effects of exposure: | Eyes – Slightly alkaline material; can cause irritation but injury is unlikely. Skin - Can cause irritation with some individuals. Inhalation - No effects expected. Ingestion - Not a likely route of exposure. Effects of ingestion have not been determined. | | |
| Chronic effects of exposure: | None known. | | |
| Synergistic materials: | None known. | | |

FIRST AID MEASURES

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|--------------------|--------------------------------------------------------------------------------------------------------------|
| Eyes: | Flush immediately with plenty of water. Call a physician if symptoms occur. |
| Skin: | Wash with soap and water. Seek medical attention if any effects persist. |
| Inhalation: | No ill effects expected. Should discomfort occur, move to fresh air. |
| Ingestion: | Do not induce vomiting unless directed by a Physician. Contact a Physician immediately. |
| Other: | Referral to a physician is recommended if there is any question about the seriousness of the injury/exposure |

PREVENTIVE MEASURES

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|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering controls: | General (natural or mechanically induced fresh air movements). |
| Eye protection: | Safety glasses with side shields recommended. |
| Skin protection: | Impermeable gloves recommended. |
| Respiratory protection: | None normally required. |
| Other: | No additional measures are normally required. |
| Handling procedures and equipment: | For industrial use only. Keep container sealed when not in use to prevent curing of the product. Avoid contact with the eyes and skin. Practice good hygiene; i.e. wash after using and before eating or smoking. |
| Storage requirements: | Keep out of reach of children. Store in a cool dry area. Keep from freezing. Shelf life is one year from date of manufacture if stored between 40° and 77° F (5 - 25° C). |
| Spill, leak or release: | Immediately wipe away spilled material before it hardens. Place in a container for proper disposal in accordance with all applicable local, state, or federal requirements. |
| Waste disposal: | Consult with regulatory agencies or your corporate personnel for disposal methods that comply with local, provincial, and federal safety, health and environmental regulations. |
| Special shipping instructions: | Avoid temperature extremes. Keep from freezing. |

REGULATORY INFORMATION

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|------------------------------|-----------------------------------------------------------------|
| WHMIS classification: | D2B |
| HMIS codes: | Health 0, Flammability 0, Reactivity 0, PPE B (glasses, gloves) |
| TDG shipping name: | Not regulated. |

PREPARATION INFORMATION / CONTACTS

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|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------|----------------|
| Prepared by: | Hilti, Inc., Tulsa, OK USA | Date of Preparation: November 11, 2009 | Emergency phone number: | 1 800 424 9300 |
| Customer Service: | Hilti (Canada) Corporation, Mississauga, Ontario; 1 800 363 4458 | | | |
| Health / Safety contacts: | Hilti, Inc., Tulsa, OK USA; 1 800 879 6000, Jerry Metcalf (x1003704) | | | |
| Abbreviations used: | N/E = None Established. N/Av = Not Available. HMIS : Hazardous Materials Identification System. TLV = ACGIH Threshold Limit Value. STEL =Short Term Exposure Limit. R = Respirable Dust. A =Aerosol | | | |

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