H.B. Fuller

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product:	**HL 5147C** Hot Melt Sealant
Product Code:	TR35A
Product Use:	**Sealant used in window construction**
Manufacturer	H.B. Fuller Company 16-20 Red Gum Drive Dandenong South VIC 3175, Australia
New Zealand Supplier:	**Glasscorp Limited**
Address:	**124 Bush Road** **Albany** **Auckland** **New Zealand**
Telephone:	09 415 6338
Fax Number:	09 415 6339
Website	www.glasscorp.co.nz
Emergency Telephone:	**09 415 6338**
H.B. Fuller date of issue:	2 June 2012
Glasscorp date of issue:	30 October 2012

Section 2. Hazards Identification

This substance is not classified as a dangerous good according to NZS5433: 2007

This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

EPA Approval Code and Group Standard: Surface Coatings and Colourants (Toxic [6.7]) HSR002679

Label pictograms: (for information only):

Irritant

Chronic

HSNO Classification	Hazard Code	Hazard Statement
6.4A	H319	Causes serious eye irritation.
6.7B	H351	Suspected of causing cancer

Prevention Code	Prevention Statement
P103	Read label before use.
P104	Read safety data sheet before use
P202	Do not handle until all safety precautions have been read and understood.
P264	Wash hands thoroughly after handling.
P280	Wear protective clothing and use protective equipment as required

Response code	Response Statement
P338	Remove contact lenses, if present and easy to do. Continue rinsing.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Code	Storage Statement
P405	Store locked up.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Calcium Carbonate	10-30	471-34-1
Carbon Black	1-5	1333-86-4

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. For hot product, immediately flush eyes with plenty of water for at least 20 minutes. IMMEDIATE MEDICAL ATTENTION.
If on Skin	Wash with soap and water. For hot material, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean gauze and do not attempt to remove the material yourself. Get prompt medical attention. Medical personnel: coat with mineral oil to soften material for removal.
If Swallowed	If swallowed, DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if symptom, develop.
If Inhaled	Remove to fresh air. Call a physician if symptoms persist. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop
First Aid Facilities:	Burn creme, bandages, eyewash station, emergency showers in the vicinity where exposure is likely to occur.
Advice to doctor	No specific antidote. Provide supportive care. Treatment based on judgement of the doctor in response to reactions of the patient. If substance has entered eyes in a molten state, instil mineral oil to soften the preparation before attempting removal.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from decomposition products	Carbon dioxide, Carbon monoxide
Suitable Extinguishing media	Use alcohol resistant foam, dry chemical powder or carbon dioxide. Avoid using water on molten material as it may cause splattering and spreading of the fire.
Precautions for firefighters and special protective clothing	Fight fire from a safe distance. When heated over 230ºC components of this mixture undergo exothermal degradation, thereby increasing the intensity of the fire and producing dense smoke and flammable vapours. Wear full protective equipment including a self-contained breathing apparatus. Avoid using water on molten material to reduce splattering and spreading of the fire. Prevent fire-fighting medium from entering drains or waterways.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Isolate hazard area, increase ventilation and restrict access. Remove all sources of ignition. If the molten substance is spilled, allow it to cool and retain slabs.

Solid Material: Sweep, pick up or scoop up pillows or packs and place them in an appropriate container. Clearly label the container to ensure proper disposal.
Molten Material: Wear appropriate personal protection equipment (See Section 8) and contain spill. Allow preparation to cool then cut it to easily handleable pieces and treat them as described under the "Solid Material" heading.

Section 7. Handling and Storage

Precautions for safe handling
Practice sound industrial hygiene. Avoid contact with material and inhaling of vapours emanating from the molten material. Use only in a well ventilated area. Wash skin thoroughly after handling. Guard against static build-up.

Storage:
Store in a cool, dry, well ventilated place. Avoid exposure to direct sunlight or sources of heat. Store away from incompatible materials (see Section 10). Protect against physical damage.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

		TWA		STEL	
Substance	CAS #	ppm	mg/m3	ppm	mg/m3
Calcium carbonate (as dust)	471-34-1	10			
Carbon black	1333-86-4		3		

Workplace Exposure Standard – Time Weighted Average (WES-TWA).The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

Engineering Controls
The solid material requires only good natural ventilation. The molten material needs good general flameproof mechanical dilution ventilation reinforced with flameproof extraction ventilation at the source of vapour, gas or mist emanation. Ensure that ventilation is sufficient to maintain exposure levels as low as practicable.

Personal Protection
Under condition of ordinary use, only nitrile rubber gloves are needed when handling the solid preparation. When using the molten preparation, wear safety glasses with side shields, thick, long sleeved nitrile rubber gloves, long sleeved overalls and work boots.

Section 9 Physical and Chemical Properties

Appearance	Solid Black Mass
Odour	Neutral
Flash Point	Not applicable
Boiling Point	Not established
Specific Gravity	1.17
Solubility in Water	Insoluble

Section 10. Stability and Reactivity

Chemical Stability	This material is stable under normal ambient and anticipated storage and handling conditions.
Conditions to Avoid	Temperatures in excess of the recommended processing temperatures.
Incompatibility	None known

Hazardous Decomposition Carbon monoxide, carbon dioxide

Section 11 Toxicological Information

Acute health effects

Swallowed: Not hazardous in normal industrial use.

Eyes: Can cause minor irritation, tearing and reddening. Exposure to hot material may cause thermal burns

Skin: Skin contact at room temperature is not irritating. Contact with product at elevated temperatures can result in thermal burns

Inhaled: Can cause minor respiratory irritation. Vapors may have an offensive odor that may cause headaches, nausea, and vomiting. This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of the product, the material is encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur.

Existing health conditions affected by exposure: Lung disease

Section 12. Ecotoxicological Information

Not known to be an environment hazard

Section 13. Disposal Considerations

If possible recycle, otherwise dispose strictly in accordance with local industrial waste or environmental protection regulations. This substance may, if permitted by local authorities, be disposed of in an approved incineration facility or be considered for landfill.
Do not allow this material to contaminate sewerage systems, soil or surface water.

Section 14 Transport Information

The manufacturer has stated that this product is not classified as a Dangerous Good for transport.

Section 15 Regulatory Information

EPA Approval Code: Surface Coatings and Colourants (Toxic [6.7]) HSR002679

HSNO Classification: 6.4A, 6.7B

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan trigger Quantities	10 000L (6.7B)

Section 16 Other Information

1. Hazardous Substances Data Bank (HSDB), a database of the National Library of Medicine's TOXNET system (http://toxnet.nlm.nih.gov).

2. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

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