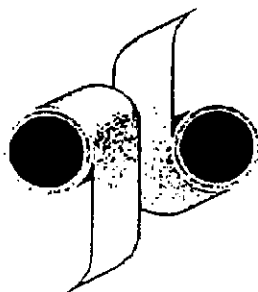


Green Belting Industries Ltd.

381 Ambassador Drive Mississauga, Ont. L5T 2J3

Tel.: (905) 564-6712 Fax: (905) 564-6709

*data sheet*

HVMC

High velocity oxygen fueled thermal spray masking compound

Description

HVMC is a putty /dough like two component silicone polymer compound intended for High Velocity Oxygen Fueled thermal spray masking applications.

Features and Benefits

- ⇒ Excellent resistance to cut through and grit blast abrasion
- ⇒ Dough like consistency provides excellent molding /conforming properties.
- ⇒ Superior adhesion to our 160, 162, and 170- series thermal spray masking tapes.
- ⇒ Excellent resistance to the extreme conditions of thermal spray operations
- ⇒ Releases cleanly from metal surfaces
- ⇒ Modest pot life 1.5 min , rapid curing, product attains full strength in 6 minutes

PHYSICAL PROPERTIES

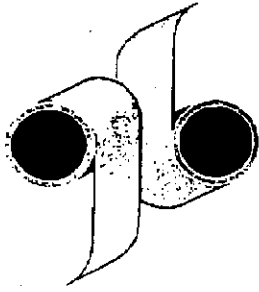
Product Number	HVMC
Shore hardness	40
Tensile Strength , psi	500
Elongation %	350
Color:	"A-Cream" " B- Blue"
Operating Temperature	-100°F to + 500°F
Shore hardness	40
Density , cross-linked g/L	30
Shrinkage %	<0.1

All values shown herein are typical and are not to be considered specifications. In all instances, the user shall determine the suitability of any Green Belting Industries Ltd. product for any given application.

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Material Safety Data Sheet

Trade Name: H.V.M.C. A and B
 Two component A & B HVOF masking compound
 Date Prepared: November 14, 2005
 Prepared by: Peter Haug

Section 1: Material Identification & Information

Non Hazardous Ingredients	OSHA Pel	ACGIH TLV	Other Limits Recommended
Component "A" Polydimethylsiloxane, fillers	N/L	N/L	NA
Component "B" Polydimethylsiloxane, fillers	N/L	N/L	N/A
Proprietary composition			

Note: This material is considered Non Hazardous by WHIMIS and OSHA criteria

Section 2: Physical/Chemical Characteristics

Boiling Point:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Solubility in Water:	N/A
Appearance :	White/Blue

Specific Gravity (H ₂ O=1):	1.3
Melting Point:	N/A
Evaporation Rate:	N/A
Water Reactive:	Stable

Section 3: Fire and Explosion Hazard Data

Flash Point Method Used:	N/A
Auto-Ignition Temperature:	N/A
Flammability Limits in Air % by Volume:	N/A
Extinguisher Media:	Carbon dioxide, dry sand.
Special Fire Fighting Procedures:	Self contained breathing apparatus, full face piece, protective clothing
Unusual Fire & Explosion Hazards:	Unreacted product above 300 deg F will decompose and evolve hydrogen

Section 4: Reactivity Hazard Data

Stability: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions To Avoid: None Known
Incompatibility:	water or alcohol solutions of strong bases NaOH or KOH or acids may release small quantities of hydrogen in uncrosslinked components.
Hazardous Decomposition Products:	Carbon Dioxide, Carbon Monoxide, Silicone Dioxide, Quartz small amounts of formaldehyde,
Hazardous Polymerization: May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>	Conditions To Avoid: none known

"We Earn Your Business"

Material Safety Data Sheet

Trade Name: H.V.M.C. masking compound
 Two component A & B HVOF masking compound
 Date Prepared: November 14, 2005
 Prepared by: Peter Haug

Section 5: Health Hazard Data

Primary Route of Entry:	N/A Inhalation N/A Ingestion	N/A Skin Absorption N/A Eye contact; slight irritation
Carcinogen Listed In:	N/A NTP N/A OSHA	N/A IRAC Monograph N/A Not Listed
Health Hazards:	Acute: Not known Chronic: Not known	
Signs & Symptoms of Exposure:	refer to above	
Medical Conditions Aggravated by Exposure:	none known	
Emergency First Aid Procedures:	Seek Medical Advice if irritation or other symptoms occur Eye contact, flush with water, seek medical attention	
Eye Contact:	Not expected route of entry	
Skin Contact:	Not expected route of entry	
Inhalation:	Not expected route of entry	
Ingestion:	Not expected route of entry	

Section 6: Control & Protective Measures

Respiratory Protection:	Not normally required		
Protective Gloves:	butyl, neoprene, PVC gloves may be used		
Eye Protection:	Safety glasses with side shields are recommended		
Ventilation to be Used:	<input checked="" type="checkbox"/> Local Exhaust	<input checked="" type="checkbox"/> Mechanical (General)	<input type="checkbox"/> Special
	Other (Specify) N/A		
Other Protective Clothing or Equipment:	N/A		
Hygienic Work Practices:	Do not eat, drink, smoke or apply cosmetics. Wash thoroughly after handling		

Section 7: Precautions for Safe Handling and Use / Leak Procedures

Steps Taken if Material Spilled or Released:	Spills or leaks not expected, dispose of contaminated material
Waste Disposal Methods:	In accordance with Federal, State and local laws
Precautions Taken in Handling & Storage:	Keep containers closed when not in use .keep away from incompatible substances
Other Precautions and/or Special Hazards:	N/A