

# MATERIAL SAFETY DATA SHEET

CERAMIC BACKING MATERIAL  
(CBM-80 series)

 DONGIL CERAMICS

## SECTION 1. INFORMATION OF CHEMICAL PRODUCTS AND MANUFACTURER

PRODUCT	CBM-80 SERIES
RECOMMENDED USE & RESTRICTION ON USE	Recommended use: Welding Supports Restriction on use: No data
MANUFACTURER	Company: DONG IL CERAMICS CO. Address: 14-5, 1832-Gil, Baegok-daero,, Pogok-eup, Cheoin-gu, Yongin city, Kyunggi-do, KOREA. Tel.: +82(0)31-332-7011~4 FAX: +82(0)31-332-7010

## SECTION 2. DANGER & NOXIOUSNESS

DANGER AND NOXIOUSNESS CLASSIFICATION	No data		
GHS WARNING SIGN	Pictograms	No data	
	Signal words	No data	
	Danger·Noxiousness phrase	No data	
	Preventions	Prevention	No data
		Response	No data
		Storage	No data
		Disposal	No data
OTHERS NOT INCLUDED IN DANGER AND NOXIOUSNESS CLASSIFICATION	Health	1	
	Fire	0	
	Reactivity	0	

## SECTION 3. NAME AND CONTENT OF COMPONENT PARTS.

COMPOSITION	SYNONIM	CONTENT (%)	CAS. NO
CERAMICS FOR WELDING	CERAMIC RAW MATERIAL AND PRODUCT	88 ~ 92	66402-68-4
ALUMINIUM TAPE		6 ~ 9	7429-90-5
ACRYILC CO-POLYMER		1 ~ 3	35239-19-1

## SECTION 4. THE MAIN POINT EMERGENCY MEASURES

IN CASE OF ENTERING THE EYES	Immediately wash the eye carefully. If irritation continues, consult a doctor.
IN CASE THE SKIN IS CONTACTED	No data
IN CASE OF INHALATION	No data

IN CASE OF SWALLOW	Consult a doctor
OTHER PRECAUTION	No data

## SECTION 5. MEASURES TO COPE WITH EXPLOSION OR FIRE

PROPER FIRE EXTINGUISHING	Foam of CO <sub>2</sub> , powder
SPECIFIC HAZARDS ARISING FROM THE CHEMICALS	Some can be burned, but easily extinguished. Inhalation of the substance may be harmful
PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS AND PRECAUTIONS	Remove inflammables and combustibles when welding. Plenty of the ventilation in the workplace is needed. Stock fire apparatus

## SECTION 6. MEASURES TO COPE WITH LEAKAGE

NECESSARY MEASURES TO PROTECT THE HUMAN BODY	No relevant
NECESSARY MEASURES TO PROTECT THE ENVIRONMENT	No relevant
METHOD FOR PURIFICATION OR REMOVAL	No relevant

## SECTION 7. HANDLING AND STORAGE METHOD

SAFE HANDLING	Take care of musculoskeletal disorders. Respiratory protective equipment should be worn in order not to inhale hume and gas directly.
SAFE STORAGE	Store in a cool, dry place

## SECTION 8. PREVENTION OF EXPOSURE AND INDIVIDUAL PROTECTIVE GEAR

CHEMICALS & BIOLOGICAL EXPOSURE STANDARD ETC.	Domestic regulation	No relevant
	ACGIH regulation	No relevant
	Biological exposure standard	No relevant
PROPER ENGINEERING MANAGEMNT	Fully ventilation in the workplace, install an air exhauster.	
PERSONAL PROTECTIVE EQUIPMENT	Protection of respiratory organ	Respiratory protective equipment should be worn appropriately in order to protect welders from toxic substances such as hume and gas
	Protection of the eyes	Goggles and face protection should be worn in order to protect eyes from the harmful rays of the welding arc
	Protection of the hand	Wear heat-resistant protective gloves
	Protection of the body	Wear heat-resistant protective clothes

## SECTION 9. CHARACTERISTICS OF PHYSICAL CHEMISTRY

SOLIDIFIED COMPLETE PRODUCTS	Ceramics + Aluminum tape + Glass fiber
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## SECTION 10. STABILITY AND REACTION

CHEMICAL STABILITY AND POSSIBILITY OF HAZARDOUS REACTIONS	Stability in normal temperature and normal pressure
CONDITIONS TO AVOID	No data
MATERIALS TO AVOID	Fire flame, etc
HAZARDOUS SUBSTANCES GENERATED IN DISINTERGRATION	CO, CO2, smoke and dust

## SECTION 11. TOXICITY INFORMATION

INFORMATION ABOUT ROUTE OF EXPOSURE WITH HIGH POSSIBILITY	No data		
HEALTH HAZARD INFORMATION	Acute toxicity	Oral toxicity	No data
		Percutaneous	No data
		Inhalation	No data
		Corrosive or irritant skin	No data
		Serious eye damage or eye irritation	No data
		Respiratory sensitization	No data
		Skin sensitization	No data
	Carcinogenic	Occupation safety and health acts	No data
		Ministry of Employment and labor notification	
		IARC	
OSHA			
ACGIH			
	NTP		
	EU CLP		
Reproductive cell variability	No data		

	Reproductive toxicity	No data
	Specific target organ toxicity(single exposure)	No data
	Specific target organ toxicity (Repeated exposure)	No data
	Aspiration Hazard	No data

## SECTION 12. EFFECT ON ENVIRONMENT

ECOTOXICOLOGY	Fish	No data
	Crustacean	
	Birds	
PERSISTENCE & DEGRADABILITY	Persistence	No data
	Degradability	
BIOACCUMULATION	Condensability	No data
	Biodegradable	
SOIL DRAFT	No data	
OTHER	No data	

## SECTION 13. PRECAUTIONS IN WASTE

WASTE METHOD	Shall be wasted according to the regulations
PRECAUTIONS IN WASTE	No data

## SECTION 14. CONVEYANCE INFORMATION

UN CLASSIFICATION	No data	
PROPER SHIPPING NAME	No relevant	
TRANSPORT HAZARD CLASS	No relevant	
CONTAINER GRADE	No relevant	
MARINE POLLUTANT	No relevant	
SPECIAL SAFETY MEASURE THAT NEED TO KNOW ABOUT TRANSPORT AND TRANSPORT METHOD	Fire emergency measure	No relevant
	Spill emergency measure	No relevant

## SECTION 15. REGULATIONS BY LAW

INDUSTRIAL SAFETY AND HEALTH ACT.	No relevant		
TOXIC CHEMICAL CONTROL ACT	No relevant		
SAFETY CONTROL OF DANGEROUS SUBSTANCES ACT	No relevant		
WASTES CONSTRAL ACT	No relevant		
OTHEHR DOMESTIC AND FOREIGN REGULATION	Domestic Regulation	Persistent Organic Pollutants Control Act	No relevant
	Foreign Regulation	American Management Information(OSHA)	No relevant
		American Management Information(CLRCLA)	No relevant
		American Management Information (EPCRA302)	No relevant
		American Management Information (EPCRA304)	No relevant
		American Management Information (EPCRA313)	No relevant
		American Management Information (Rotterdam agreement substances)	No relevant
		American Management Information (Stockholm agreement substances)	No relevant
		American Management Information (Montreal agreement substances)	No relevant
		EU classified information(Classification)	No relevant
		EU classified information(Risk phrases)	No relevant
		EU classified information(Safety Phrases)	No relevant

## SECTION 16. OTHER REFERENCES

SOURCE	Korea Occupational Safety & Health Agency	
DATE OF ISSUE	2013. 4. 25.	
REVISION NO. & DATE OF LAST REVISION	Revision no.	1 Time
	Date of last revision	
OTHER		