

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ThermOweld Contact GP

PART NUMBER: 34-6784-06

GENERAL USE: Carbon Backfill

PRODUCT DESCRIPTION: PRODUCT DESCRIPTION: Gray to black 1 mm spheres, odorless



MANUFACTURER'S NAME

Thermoweld

DATE PREPARED: October 19, 2009

SUPERSEDES: New

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ADDRESS (NUMBER, STREET, P.O. BOX)

4102 South 74th East Ave.

TELEPHONE NUMBER FOR INFORMATION

(800) 558-1373

(CITY, STATE AND ZIP CODE)

Tulsa, OK 74145

COUNTRY

USA

EMERGENCY TELEPHONE NUMBER

Infotrac (800) 535-5053 Outside USA (352) 323-3500

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Gray to black 1 mm spheres, airborne dust particles which may be formed from secondary processing operations are harmful and irritating to respiratory tract. Contact with eyes may cause irritation. Hazard Symbols for this product: Not classified. Risk Phrases - None

POTENTIAL HEALTH EFFECTS

INHALATION: Breathing airborne particles or dust from secondary operations may cause irritation to respiratory tract. Contains substances which are considered nuisance dusts which require a NIOSH approved respirator when airborne particulate exceeds maximum allowable limit.

SKIN: None expected, however, prolonged contact may cause irritation.

EYES: Contact with eyes may cause irritation.

INGESTION: May cause gastric distress, stomach pains, vomiting and diarrhea.

CARCINOGENICITY

NTP?

No

IARC MONOGRAPHS?

No

OSHA REGULATED?

No

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	EINECS #	%(by weight)	OSHA PEL		ACGIH TWA		RQ LBS
				PPM	MG/M3	PPM	MG/M3	
Calcined petroleum coke (a)	64743-05-1	265-210-9	99 - 100		5		15	

(a) This product is not considered hazardous under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200), EC Directive 91 / 155 / EEC, or WHMIS. However, certain regulatory, government, or state agencies may require the listing of this product or the product is listed only for information.

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SECTION 4 - FIRST AID MEASURES			
INHALATION: Remove affected person to fresh air; if symptoms persist seek medical attention.			
SKIN: Wash contacted area with soap and water; if irritation persists, seek medical attention.			
EYES: Check for and remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.			
INGESTION: Give two glasses of water for dilution; DO NOT induce vomiting; never give anything by mouth to an unconscious person; seek medical attention.			
SECTION 5 - FIRE FIGHTING MEASURES			
FLASH POINT (METHOD USED) Non-flammable		FLAMMABLE LIMITS LEL: Not applicable AUTOIGNITION TEMPERATURE: Not determined	UEL: Not applicable NFPA CLASS: None
GENERAL HAZARDS: Product is not considered flammable or combustible. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.			
EXTINGUISHING MEDIA Carbon dioxide, water, water fog, dry chemical, chemical foam.			
FIRE FIGHTING PROCEDURES Water gas can form when water is used to extinguish enclosed coke fire. Steam formation in closed area can cause explosion.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Product may ignite at >1112° F (>600° C) in the form of dispersed dust cloud. Product may ignite at >1112° F (>600° C) in the form of deposited dust.			
HAZARDOUS COMBUSTION PRODUCTS Smoke, fumes or vapors, oxides of carbon and sulfur.			
SECTION 6 - ACCIDENTAL RELEASE MEASURES			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills - wash to sanitary sewer with plenty of water. Large spills - Recover and segregate product for reuse; shovel product into approved container for disposal.			
SECTION 7 - HANDLING AND STORAGE			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; store containers in cool, dry area. Keep this and other chemicals out of reach of children.			
SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION			
ENGINEERING CONTROLS The use of local exhaust ventilation and airborne particle collection is recommended. No other special controls are indicated.			
PERSONAL PROTECTION:			
RESPIRATORY PROTECTION: NIOSH approved respirator designed to remove airborne particulate present in excess of maximum allowable concentrations due to secondary operations such as mixing, spraying, sanding, buffing, etc. Refer to 29 CFR 1910.134, ANSI Z88.2, or European Standard EN 149 for regulations.			
PROTECTIVE GLOVES: Neoprene or nitrile rubber gloves.			
EYE PROTECTION: Chemical splash goggles. Refer to 29 CFR 1910.133, ANSI Z87.1, or European Standard EN166.			
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyewash station nearby.			
WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.			

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES				
APPEARANCE AND ODOR Gray to black 1 mm spheres, odorless		VAPOR DENSITY (AIR = 1) Not applicable		
SPECIFIC GRAVITY (WATER = 1) 2.0		EVAPORATION RATE (Water = 1) Not applicable		
SOLUBILITY IN WATER Negligible		% VOLATILE (BY WEIGHT) None		
pH Not applicable		VAPOR PRESSURE < 0.01 mbar @ 20° C		
BOILING POINT Not applicable		MELTING POINT 3632° F (2000° C)		
VISCOSITY Solid		VOLATILE ORGANIC COMPOUNDS (VOC's) None		
SECTION 10 - STABILITY AND REACTIVITY				
STABILITY UNSTABLE: STABLE: X		CONDITIONS TO AVOID: Avoid generating airborne dust. Avoid temperatures at or above 1652° F (900° C)		
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids.				
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.				
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: X		CONDITIONS TO AVOID: None		
SECTION 11 - TOXICOLOGICAL INFORMATION				
Hazardous Ingredients	CAS #	EINECS #	LD50 of Ingredient Species and Route	LC50 of Ingredient Species
Calcined petroleum coke (a)	64743-05-1	265-210-9	> 2,000 mg / kg Oral - rat	Not established
SECTION 12 - ECOLOGICAL INFORMATION				
No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.				
SECTION 13 - DISPOSAL CONSIDERATIONS				
WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. Product is classified as non - hazardous, however, non-hazardous materials may become hazardous waste upon contact with other products. Refer to 40 CFR 260 - 299 for complete waste disposal regulations. Consult your local, state, or federal agency before disposing of any chemicals. According to the European Waste Catalogue, waste codes are application specific and should be assigned by the user based on the application for which the product is used.				
SECTION 14 - TRANSPORT INFORMATION				
PROPER SHIPPING NAME: Non - Hazardous for Transport				
DOT HAZARD CLASS / Pack Group: Not regulated REFERENCE: Not Applicable UN / NA IDENTIFICATION NUMBER: None LABEL: None Required HAZARD SYMBOLS: None		IATA HAZARD CLASS / Pack Group: Not regulated IMDG HAZARD CLASS: Not regulated RID/ADR Dangerous Goods Code: Not regulated UN TDG Class / Pack Group: Not regulated Hazard Identification Number (HIN): None		
Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.				

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SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories

None

313 Reportable Ingredients:

None

CERCLA (Comprehensive Response Compensation and Liability Act)

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There are no reportable chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: Not controlled

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 3.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 3 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

WGK Water Quality Index: nwg

VbK Index: Not applicable

Risk Phrases

Not classified

SYMBOL(S) REQUIRED FOR LABEL

None

Safety Phrases

S22 Do not breathe dust.
S25 Avoid contact with eyes.

SECTION 16 - OTHER INFORMATION

Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on Information from similar products, the ingredients, technical literature, and/or professional experience.

HMIS HAZARD RATINGS

HEALTH	1	* = Chronic Health Hazard	2 = MODERATE
FLAMMABILITY	1	0 = INSIGNIFICANT	3 = HIGH
PHYSICAL HAZARD	0	1 = SLIGHT	4 = EXTREME

PERSONAL PROTECTIVE EQUIPMENT B

Safety Glasses, Gloves

REVISION SUMMARY:

This MSDS has been revised in the following sections:
No changes noted

MSDS Prepared by:

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.