Dongguan Fu Chang Polishing Materials Co., Ltd.

Tripoli Compound FC50

Material Safety Data Sheet

Date prepared 08-09-2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier	Tripoli Compound FC50
Description	Brown solid polishing and buffing compound
Manufacturer	Dongguan Fuchang Polishing Material & Equipment Co., Ltd. Room 2007,20/F,Yifeng Building, NO.590 Beizha Section 358 Provincial Road, Humen, Guangdong, China. Tel : (86-769) 8550 8838 Fax : (86-769) 8550 7798

2. COMPOSITION/INFORMATION ON INGREDIENTS

	OES	Content %
Silicon dioxide	0.1 mg / m^3	≤70
Mixture of fatty acid, petroleum wax / oil		≤40

3. HAZARDS IDENTIFICATION

Does not present any hazard to human health and in shipping, storage or handling. However observe precautions for the dust generated by the user.

4. FIRST-AID MEASURES

EFFECTS

Inhalation:	Material is not considered an inhalation hazard as supplied. Dust generated during buffing.
Eyes contact:	Midly irritating to eye for short term contact. Long term contact can produce scratching of the cornea abrasive action.
Skin contact:	Product does not generally irritate and is only midly irritating to sensitive skin.
Ingestion:	No hazard anticipated through ingestion in normal industrial use.

FIRST AID

Inhalation:	If exposed to excessive levels of dust, remove to fresh air.
Eyes contact:	Flush with water for 15 minutes. Seek medical advice.
Skin contact:	Wash with soap and water.
Ingestion:	Drink large quantity of water - do not induce vomiting.

5. FIRE-FIGHTING MEASURES

Properties :	Flash point > 190 ℃
Extinguishing agents:	CO_2, water fog, or dry powder
Combustion products:	At high temperature, product may emit, carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Non hazardous, but do not wash into sewer. Sweep and scoop up material for re-use, reclaim or proper disposal. Spillage may cause slippery floors.

7. HANDLING AND STORAGE

Storage temperature :	Ambient
General :	Keep out of sun and away from heat sources as product may melt. Observe all safeguards for container residue until cleaned or destroyed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Local exhaust ventilation should be provided to maintain exposure level below the OES (Occupational exposure standard) during use.
Respiratory protection:	Avoid breathing of dust created by operation. Suitable Respirator must used to avoid inhalation silicon dioxide dust. Silicon dioxide dust will cause silicosis.

Hand protection:	Protective gloves - for frequent or prolonged operations.
Eye protection:	Safety glasses or goggles is recommended.
Skin protection:	During buffing the use of cloth apron is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	Solid grease bar
Color / Colour :	Brown
Odor / Odour :	Mild
Change of state :	Boiling point - N/A
	Melting point - > 52 ℃
Flash point :	N/A
Vapor / Vapour pressure:	N/A
Density / S.G. :	>1.4
Vopor / Vapour density (air= 1):	N/A
Solubility:	Negligible
PH	N/A
Viscosity:	N/A

10. STABILITY AND REACTIVITY

Stability:	Stable and hazardous polymerisation will not occur.
Conditions to avoid:	No incompatibility anticipated during normal industrial use.
Materials to avoid:	No incompatibility anticipated during normal industrial use.
Hazardous decomposition products:	None identified

11. TOXICOLOGICAL INFORMATION

Acute toxicity :	Non-toxic
Irritation :	May cause eye or skin irritation.
Comments :	No appreciable toxic effect.

12. ECOLOGICAL INFORMATION

Avoid washing into sewer. Biodegradable product is not caused environmental pollutant.

13. DISPOSAL CONSIDERATION

Product in original form is non-hazardous. Dispose of in accordance with local regulations for non-hazardous waste. Be sure to check if compound (after used) has come in contact with a hazardous substance before disposal.

14. TRANSPORT INFORMATIONS

Non-hazardous

15. REGULATORY INFORMATION

Label for supply :	Not necessary
Risk phrases :	N/A
Safety phrases :	Avoid contact with skin and eyes

16. OTHER INFORMATION

After buffing compounds have been used there is normally produced a waste containing dried buffing compound, buffing wheel lint of cotton, polyester, etc. plus dust from the material that was polished. The use of extinguishing media in a fire from this waste should be evaluated as to the material that was polished, fibre lint with the dried buffing compound may make the mixture combustible. The addition of metal dust like aluminium, titanium, or magnesium to the cotton lint and dry buffing compound may increase the mixtures degree of combustibility. This addition of metal dust may change the recommended extinguishing media. For buffing compound waste, general recommended extinguishing media is water by flooding, chemical foam, or carbon dioxide. The recommendation for a specific metal dust may be dry chemical foam only, or smothering. Individual situations will vary according to the material that was polished. The metal supplier should be questioned as to the recommended fire fighting media or procedure when his material is involved.

Warning : Silicon dioxide dust will cause silicosis.

The information given corresponds to the current state of our knowledge and experience of the product, and is not exhaustive. This applies to product which conforms to the specification, unless other wise stated. In the case of combinations and mixtures one must make sure that no new dangers can arise. In any case, the user is not exempt from observing all legal, administrative and regulatory procedures relating to the product, personal hygiene, and protection of human welfare and the environment.