

ZZDM Superabrasives Co.,Ltd.

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MATERIAL SAFETY DATA SHEET

1.COMPANY IDENTIFICATION AND PRODUCT NAME

SUPPLIER: ZHENGZHOU ZZDM SUPERABRASIVES CO., LTD.

PRODUCT NAME: DIAMOND SLURRY & PASTE.

Brand:ZZDM

Emergency Call;0086-371-6799 0665

Prepared Date:Oct. 15th, 2013

2.COMPOSITION

DESCRIPTION: Emulsion based Diamond Slurry & Paste. Containing Aliphatic and cycloparaffinic hydrocarbons

STEARIC ACID, LITHIUM SALT; Diamond

CAS: 4485-12-5

CAS: 7782-40-3

Fraction By Weight: 20%

Fraction By Weight:30-95%

3.RESPONSIBLE PARTY

ZHENGZHOU ZZDM SUPERABRASIVES CO., LTD.

12#, YULAN ROAD, HIGH-TECH. INDUSTRIAL ZONE, ZHENGZHOU, HENAN, CHINA.

Tel. No.:0086-371-6799-0665

4.PHYSICAL AND CHEMICAL DATA

BOILING POINT: > 200° C

MELTING POINT: -57° C

SPECIFIC GRAV.: 0.978

VAPOR PRESSURE: Nil

VOLATILE BY VOL.: 100

VAPOR DENSITY: >1

EVAPORATION RATE: NAIF

WATER SOL.: 100

ALCOHOL SOL.:100

SOL. IN SOLVENTS: Soluble

APPEARANCE & ODOR: Liquid, no odor

5.FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 118° C (METHOD USED) PMCC; COC FLAMMABLE LIMITS LEL: .5

UEL: .5

EXTINGUISHING MEDIA: Dry Chemical EXPLOSION POTENTIAL: None

SPECIAL FIRE FIGHTING PROCEDURES: Use self contained breathing apparatus and protection clothing

6.CORROSIVITY AND REACTIVITY DATA

STABILITY: UNSTABLE: STABLE: X POLYMERIZATION: MAY OCCUR: WILL NOT OCCUR: X

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and bases, oxidizers

DECOMPOSITION PRODUCTS: Carbon dioxide and carbon monoxide

CONDITIONS TO BE AVOIDED: Open flame, strong acid not bases

7.FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Move the exposed person to fresh air at once. Get medical attention. Administer artificial respiration if breathing has stopped.

EYES: Irrigate thoroughly with water for at least 10 minutes. Seek medical attention..

SKIN: Remove soaked clothing. Wash the skin immediately with soap and water. Seek medical attention if symptoms occur after washing.

INGESTION: DO NOT INDUCE VOMITING! If vomiting occurs, keep head low so that stomach content does not get into the lungs. Drink plenty of water. Seek medical attention immediately

8.FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: N/A

SPECIAL RISKS: MetPrep Diamond Slurry/Paste is an emulsion containing water. It is therefore, under normal condition, not expected to be combustible.

9.STORAGE, HANDLING AND USE PROCEDURES

NORMAL STORAGE AND HANDLING: Protect eye with chemical goggles.

NORMAL USE: Protect eyes with chemical goggles.

STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS: Small spills flush with water. Large spills collect.

WASTE DISPOSAL METHOD: Incinerate in furnace when permitted by appropriate local, state, and national regulations

10.PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): As needed.

VENTILATION LOCAL: Recommended MECHANICAL (GENERAL): Recommended OTHER: NAIF

PROTECTIVE GLOVES: PVC Coated EYE PROTECTION: Monogoggles

OTHER EQUIPMENT: Eye bath and shower available

MEASURES TO BE TAKEN DURING REPAIR AND

MAINTENANCE OF CONTAMINATED EQUIPMENT: Wash hands with soap and water. Avoid smoking or open flame

11.SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Wash after handling

OTHER PRECAUTIONS: NAIF

12.OTHER INFORMATION

NONE

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