

Product name: HD Hammer Chisel Paste**1. COMPANY DETAILS AND PRODUCT IDENTIFICATION**

COMPANY: Hi-Tec Oil Traders Pty Ltd. (ABN 28 053 837 362)

ADDRESS: PO Box 322 Castle Hill NSW 1765
5 Tarlington Place, Smithfield NSW 2164

TELEPHONE NUMBER: 1300 796 009

FAX NUMBER: (02) 9604 1611

EMERGENCY TELEPHONE NUMBER: 1300 796 009

PRODUCT NAME: HD Hammer Chisel Paste

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: HI7-1035

USE: Calcium sulphonate complex grease with graphite and copper for automotive and industrial applications.

ADDITIONAL INFORMATION: Refer to Product Information Sheet for additional information.

OTHER INFORMATION: Visit our website: www.hi-tecoils.com.au
Email: hitecoils@hi-tecoils.com.au

2. HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION: NON - HAZARDOUS
NON-DANGEROUS GOODS
Hazard classification according to criteria of NOHSC and GHS.
Dangerous goods classification according to Australian Dangerous Goods Code

SIGNAL WORD (S): None

IRRITANCY OF PRODUCT: Not classified as an irritant.

SENSITISATION OF PRODUCT: Not known to be sensitiser.

TERATOGENICITY: No teratogenic effects are known.

OTHER INFORMATION: Used greases may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they may present risks to health and the environment on disposal. All used greases should be handled with caution and skin contact avoided as far as possible.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISTICS: Paste

INGREDIENTS:

CHEMICAL ENTITY	CAS NO	PROPORTION
Highly refined petroleum oils	Mixture	50-70% weight
Calcium sulphonate complex grease thickener	Mixture	15-30% weight
Graphite	7782-42-5	10-15% weight
Copper	7440-50-8	1-5% weight
Additives	Mixture	1-5% weight

COMMENTS This product is a calcium complex grease based on mineral oil with additives. The mineral oils in the product contain <3% DMSO-extract (IP 346)

4. FIRST AID MEASURES

GENERAL INFORMATION You should call the Poisons Information Centre on 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) if you feel that you may have been poisoned, burned, or irritated by this product. Have this SDS with you when you call.

INHALATAION: If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting or unresponsive, give 100% oxygen with rescue breathing or CPR as required and transport to the nearest medical facility.

SKIN CONTACT: Remove contaminated clothing and shoes and wipe excess from the skin. Flush skin with water, then wash with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned. If material is injected under the skin, transport it to the nearest medical facility for additional treatment. If redness, swelling, pain, and/or blisters occur, transport to the nearest medical facility for additional treatment.

EYE CONTACT: Flush your eyes with plenty of water while holding your eyelids open. Rest eyes for 30 minutes. If redness, burning, blurred vision, or swelling occur, transport to the nearest medical facility for additional treatment

INGESTION: Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical attention. Have the victim rinse their mouth out with water, then drink sips of water to remove the taste from the mouth. If vomiting occurs spontaneously, keep the head below the hips to prevent aspiration.

NOTES TO PHYSICIAN: In general, emesis induction is unnecessary in high-viscosity, low-volatility products such as oils and greases.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	The material will float and can be re-ignited on the surface of the water. Use water fog, 'alcohol foam', dry chemicals or carbon dioxide (CO ₂) to extinguish flames. Do not use a direct stream of water.
FIRE FIGHTING:	The material will not burn unless preheated. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves, and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED

LAND SPILL	Shut off the source taking normal safety precautions. Take measures to minimize the effects on groundwater. Recover by pumping or containing spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of adsorbed residues as directed in Section 13.
WATER SPILL:	Confine the spill immediately with booms. Warn other ships in the vicinity. Notify the port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. If permitted by regulatory authorities the use of suitable dispersants should be considered where recommended in local oil spill procedures.
ENVIRONMENTAL PRECAUTIONS	Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegetation.

7. HANDLING AND STORAGE

SAFE HANDLING:	High pressure injection under the skin may occur due to the rupture of pressurized lines. Always seek medical attention. No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.
GENERAL HYGIENE:	Handle in accordance with good industrial hygiene and safety practice. Avoid prolonged or repeated contact with skin.
SAFE STORAGE:	Keep containers closed when not in use. Do not store in open or unlabelled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, flame or strong oxidants.
SPECIAL PRECAUTIONS:	Prevent small spills and leakages to avoid slip hazard.

7. HANDLING AND STORAGE**EMPTY CONTAINER WARNING:**

Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**ENGINEERING CONTROLS**

Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.

PERSONAL PROTECTION:

Personal protective equipment (PPE) selections vary based on potential exposure conditions such as handling practices, concentration, and ventilation. Information on the selection of eye, skin, and respiratory protection for use with this material is provided below.

EYE/FACE PROTECTION:

Chemical Goggles, or Safety glasses with side shields

SKIN PROTECTION:

Use protective clothing which is chemically resistant to this material. The selection of protective clothing depends on potential exposure conditions and may include gloves, boots, suits, and other items. Selection(s) should take into account such factors as job task, type of exposure, and durability requirements. Published literature, test data, and/or glove and clothing manufacturers indicate the best protection is provided by: Neoprene, or Nitrile Rubber

RESPIRATORY PROTECTION:

If engineering controls do not maintain airborne concentrations to a level that is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of the OSHA Respiratory Protection Standard, 29 CFR 1910.134. Types of respirator(s) to be considered in the selection process include: For Mist: Air Purifying, R or P style NIOSH approved respirator. For Vapors: Air Purifying, R or P style prefilter & organic cartridge, NIOSH approved respirator. Self-contained breathing apparatus.

HYGIENE MEASURES:

Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory at the end of the working period

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Gray, smooth grease
ODOUR:	Characteristic Odour
ODOUR THRESHOLD:	No data available
pH:	Not applicable
MELTING /FREEZING POINT (°C):	No data available
INITIAL BOILING POINT AND BOILING RANGE (°C):	>280 (estimated value(s))
FLASH POINT (°C):	>200 (COC)
EVAPORATION RATE:	No data available
FLAMMABILITY:	No data available
UPPER/LOWER FLAMMABILITY LIMITS:	No data available
VAPOUR PRESSURE:	<0.5 Pa at 20°C (estimated
VAPOUR DENSITY (AIR=1):	values(s)) No data available
RELATIVE DENSITY:	0.97 at 15°C
WATER SOLUBILITY	Negligible
SOLUBILITY IN OTHER SOLVENTS:	No data available
PARTITION COEFFICIENT):	>3.5 (n-octanol/water, log pow)
AUTO IGNITION TEMPERATURE (°C):	No data available
DECOMPOSITION TEMPERATURE (°C):	No data available

10. STABILITY AND REACTIVITY

STABILITY:	Material is stable under normal conditions.
CONDITIONS TO AVOID:	Avoid heat and open flames.
INCOMPATIBLE MATERIALS:	Strong oxidising agents.

10. STABILITY AND REACTIVITY (CONT)

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition products are highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases will evolve when this material undergoes pyrolysis or combustion. Aldehydes, Calcium Oxide, Carbon Monoxide, Carbon Dioxide, Hydrogen Sulfide, Ketones, and other unidentified organic compounds may be formed upon combustion..

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY:

Dermal LD50 >2.0 g/kg(Rabbit), Non-Toxic Based on components(s) Oral LD50 >2.0 g/kg(Rat), Non-Toxic Based on components(s)

EMERGENCY OVERVIEW:

Appearance & Odor: Gray, smooth grease. Characteristic odor. Health Hazards: No known immediate health hazards. High-pressure injection under the skin may cause serious damage. Physical Hazards: No known physical hazards

INHALATAION:

Inhalation of vapors (generated at high temperatures only) or oil mist may cause mild irritation of the nose, throat, and respiratory tract.

EYE CONTACT:

May cause slight irritation of the eyes. If irritation occurs, a temporary burning sensation, minor redness, swelling, and/or blurred vision may result.

SKI CONTACT:

May cause slight irritation of the skin. If irritation occurs, a temporary burning sensation and minor redness and/or swelling may result. Release of the material during high-pressure applications may result in injection under the skin causing possible extensive tissue damage which is difficult to heal. Other adverse effects not expected from brief skin contact.

INGESTION:

Generally considered to have a low order of acute oral toxicity.

SIGNS AND SYMPTONS

Irritation as noted above. Local necrosis is evidenced by delayed onset of pain and tissue damage a few hours following injection.

AGRAVATED MEDICAL CONDITIONS

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL IMPACT SUMMARY

There is no ecological data available for this product. However, this product is a grease. It is persistent and does not readily biodegrade. However, it does not bioaccumulate

13. DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose of in accordance with all applicable local, state and federal regulations.

14. TRANSPORT INFORMATION

ROAD & RAIL TRANSPORT:
ADG REQUIREMENT Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

MARITIME TRANSPORT:
IMO/IMDG REQUIREMENT Not classified as a Dangerous Good according to the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT:
ICAO/IATA REQUIREMENT Not classified as a Dangerous Good according to the criteria of the International Maritime Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

POISON SCHEDULE: Not scheduled.

PACKING & LABELLING: No special packaging or labelling requirements.

AUSTRALIAN INVENTORY STATUS: All components are listed or exempted.

16. OTHER INFORMATION

CONTACT PERSON/POINT: General Manager 1300 796 009

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.

16. OTHER INFORMATION**LITERATURE REFERENCES:**

- * Safework Australia: 2016 Code of Practice for the Preparation of Safety Data Sheets for Hazardous Substances.
- * NOHSC: 2011 National Code of Practice for the preparation of Material Safety Data Sheets.
- * NOHSC: 1008 Approved Criteria for Classifying Hazardous Substances.
- * NOHSC: 10005 List of Designated Hazardous Substances.
- * NOHSC: 1005 Control of Workplace Hazardous Substances, National Code of Practice.
- * NOHSC: 2007 Control of Workplace Hazardous Substances, National Code of Practice.
- * NOHSC: 1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards.
- * NOHSC: 3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note.
- * NOHSC: 1015 Storage and Handling of Workplace Dangerous Goods, National Standard.
- * NOHSC: 2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice.
- * SUSDP: Standard for the Uniform Scheduling of Drugs and Poisons
- * ADG: Australian Dangerous Goods Code
- * MSDS of component materials.

LAST CHANGE:

Supercedes document issued: 6th June 2018
Reason/s for revision: Minor editorial changes.

MR914021/1**END OF SDS**