

SAFETY DATA SHEET

Atlas Copco Chisel Paste VP 3537**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Identification of the substance or preparation Atlas Copco Chisel Paste VP 3537
Issued at: 14.12.2010
Use of the substance/preparation Lubricant for industrial use

Supplier

Atlas Copco Construction Tools AB
SE-105 23 Stockholm
Sweden

Homepage: www.atlascopco.com

Telephone number

+46 (0)8-743 96 00

Fax number

+46 (0)8-743 96 50

Emergency Phone Number

Swedish Poison Centre 112 (acute)
+46-8-33 12 31 (non-acute)

2. HAZARDS IDENTIFICATION**Classification**

Classification according to directive (EC) No. 1272/2008, annex VI:
Not classified.

Classification according to directive 67/548/EWG or directive 1999/45/EC:
Not classified.

Additional advice:
None.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazard substances:**

None.

Ingredients with EC-limits:

None.

4. FIRST-AID MEASURES**General information:**

Remove contaminated clothes. In case of indisposition consult a doctor.

In case of inhalation:

Move person into fresh air. In case of irritated airways consult a doctor.

In case of skin contact:

Wash off with soap and plenty of water.

In case of eye contact:

Remove contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes. Consult a doctor, if necessary.

Chisel Paste

In case of ingestion:

Clean mouth immediately. Drink water in small sips (dilution effect). Avoid vomiting. No neutralisation. Consult a doctor and show safety data sheet.

Symptoms:

Nausea, vomiting, diarrhoea.

Treatment in case of unconsciousness:

Call a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media:

Suitable: Water spray/-mist, foam, carbon dioxide, powder

Unsuitable: Water jet.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

In case of fire, dangerous fumes/gases might occur: Carbon dioxide, carbon monoxide, sulphur dioxide, sulphur trioxide.

Additional information for fire fighters:

Use recirculated air respirator in danger zone. Use water spray to cool down container. Hunt down fume by using water. Take care for ignition. Avoid contamination of groundwater and soil. Do not let product enter into drains. Use personal protective equipment avoiding skin contact and keep distance.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Keep away from fire. Remove all sources of ignition. Ensure adequate ventilation. Keep care of persons in danger zone. Consult chapter 7 and 8 for protective measures.

Environmental precautions:

Avoid contamination of groundwater and soil. Do not let product enter into drains. Try to cover drains. For limitation of emissions by volatile organic compounds (VOC), lead extinguishing media vapours to a flue gas cleaning device.

Methods for cleaning up

Bigger amounts: Use pumps. For residues: Try to soak material using neutralising, fire resistant absorbent. Dispose off in accordance with regulations using intended containers. Smaller quantities (up to approx. 1 l): Take up with tissue papers and dispose off. Only use spark-free media in danger zone.

7. HANDLING AND STORAGE

Handling

Keep containers closed. Observe minimum standards according to TRGS 500. This includes general hygiene measures like no eating, drinking, smoking, washing hands after use, remove contaminated clothes before entering areas in which will be eat.

Storage

Advices for safe handling

Fumes are heavier than air. Explosive fumes/gas mixtures might form in case of excessive heat. Keep away from oxidising agents.

Specific requirements on storage

Store at room temperature, not below 0° C or above 60° C. Do not store together with: Pharmaceuticals, food, feed, inflammables, substances forming flammable gas with water. Organic peroxides.

Requirements to store rooms

Store rooms must have solvent resistant floors or collection pans, that in case of leakage the protection of the groundwater is guaranteed. Always store in containers complying with the original containers.

Atlas Copco Chisel Paste

Specific use for consumers

Lubrication of tools and machines.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Preparation does not contain any substances with exposure limit values.

Personal protective equipment

Respiratory protection:

Respiratory protection is not necessary. If protection is wanted, use multi-purpose combined filters of type ABEK (EN 14387). Respiratory protection equipment must be in accordance with national standards like NIOSH (US) or CEN (EU).

Hand protection:

In case of enduring and repeated contact, use protection gloves according to EN 374.

Eye protection:

Protection goggles according to EN 166:2001.

Environmental protection:

See chapter 6 and 7.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties:

Physical state	Pasty.
Colour	Black/coppery.
Odour	Characteristic.

Security relevant data

	Value	Method	Comment
Dropping point	> 250° C	DIN ISO 2176	
Flash point	> 250° C		
Self ignition	The product is not self-igniting.		
Explosion hazard	The product is not self-igniting.		
Density	0,94 – 0,98 g/cm³		
Water	Not resp. less miscible.		

Other information:

Further physical and chemical properties are not reported.

10. STABILITY AND REACTIVITY

Reactivity:

Exothermic reaction with strong oxidising and reducing agents.

Chemical stability:

Preparation remains chemically stable under normal conditions (room temperature).

Possible dangerous reactions:

If used as intended no hazardous reactions are expected.

Materials to avoid:

None known.

Hazardous decomposition products:

Flammable gases/fumes might arise in case of contact with strong oxidising agents.

Chisel Paste

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

None known.

Irritant and corrosive effects:

None known.

Sensitisation:

None known.

Chronical effects:

No ingredient of this product with concentrations of 0.1 % or more is IRAC listed or has any carcinogenic, mutagenic or reproduction toxic effect known to humans.

Symptoms after exposition:

None known.

Possible health damages:

Inhalation:

Might cause irritations of respiratory airways.

Skin:

Might cause skin irritations at repeated contact.

Eyes:

Might cause eye irritations.

Ingestion:

Might be harmful after ingestion.

Target organs:

Intestine, liver, kidney.

12. ECOLOGICAL INFORMATION

Toxicity:

None known.

Persistency and degradability:

No data available.

PBT potential:

No data available.

Mobility:

No data available.

PBT- and VPvB-Assessment:

No data available.

Other adverse effects:

None known.

13. DISPOSAL CONSIDERATIONS

Procedures of waste handling:

Observe all national and local laws.

Contaminated packaging:

Dispose off like product.

14. TRANSPORT INFORMATION

Proper UN-forwarding labelling ADR/RID Risk class

ADR/RID:

No hazardous material.

IMDG-Code/ICAQ-TI/IATA-DGR:

No hazardous material.

15. REGULATORY INFORMATION

Labelling according to EC-directives:

The product is not subject to declaration according to the particular national laws.

National directives:

Water hazardous class (WGK): 1

16. OTHER INFORMATION

Last changes:

None.

Literature and data sources:

Regulations

Preparation directive (1999/45/EC), at last modified by regulation (EC) No. 1907/2006.

Material guideline (67/548/EWG), at last modified by guideline 2009/2/EG.

Regulation (EC) 1272/2008, at last modified by regulation (EC) No. 790/2009.

Internet:

<http://www.baua.de>

<http://www.arbeitssicherheit.de>

<http://dguv.de/ifa/de/gestis/stoffdb>

<http://logkow.cisti.nrc.ca>

Hazard notes referred to in chapter 2 and 3

according to regulation (EC) No. 1272/2008: (--)

according to directive 67/548/EWG: (--)

Legend:

ADR	European agreement on the international transport of hazardous goods on roads.
BImSchV	Regulation on implementation of the Federal Immission Control Act
CAS	Chemical Abstracts Service.
DIN	Norm of the German Institut for Standardization.
EC	Effective concentration.
EC	European Community.
EN	European Standard.
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations.
IBC	International Code for the construction and equipment of vessels for transport of hazardous chemicals.
ICAO-TI	International Civil Aviation Organisation – Technical Instructions.
IMDG-Code	International Maritime Code for Dangerous Goods.
ISO	Norm of the International Organization for Standardization.
IUCLID	International Uniform Chemical Information Database.
LC	Lethal concentration.
LD	Lethal Dose.
log Kow	Partition coefficient between octanol and water.
MARPOL	Maritime Pollution Convention = Internation Convention on the Prevention of Pollution from Ships.
OECD	Organisation for Economic Cooperation and Development.

Chisel Paste

PBT	Persistent, bio-accumulable, toxic
RID	Ordinance for International Carriage of Hazardous Goods by Rail
TRGS	Technical rules for hazardous substances.
UN	United Nations.
VOC	Volatile Organic Compounds.
vPvB	Very persistent and very bio-accumulable.
VwVwS	German administrative regulation regarding water pollutants.
WGK/WHC	Water hazard class.I

Important advice:

All data are based on the current state of knowledge. This safety data sheet is to procure all physical, safety regulating, toxicological and ecological data and recommendations for the use of chemical substances when storing, applying and during transport. It is to support the protection of humans and environment by correct information. These specific statement for occupational safety are for security officers and safety experts as well as for industrial medics, toxicologists and governmental monitoring bodies. Please, pass these information to the responsible department.