

What is chromium-6?

Chromium is a type of metal.

Chromium-6 is found in nature, but it is mainly made by people.



Chromium-6 is found in materials like processed wood and undercoat. Chromium-6 helps stop metals rusting and makes paint and lacquer tough and hard-wearing.



From 2004 to 2011, tROM in Tilburg did some work on old trains. This work included sanding. The undercoat on these trains may have contained chromium-6. We are trying to find out how much.

Is chromium-6 in undercoat harmful to health?

There are two possibilities:



Chromium-6 is **trapped in the undercoat**. This means you can't breathe it in, so it is **not harmful** to health.



Chromium-6 is **no longer trapped** in the undercoat. You can come into contact with it so it **may be harmful** to health.

How can undercoat release chromium-6?

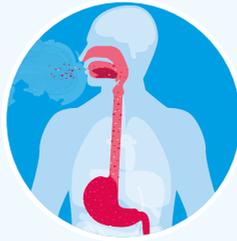


Sanding, welding, grinding or cutting can release chromium-6 from undercoat. This work releases dust that can contain chromium-6.

How can chromium-6 get inside your body?



In dust particles that you breathe in



In dust particles that you swallow after breathing them in



Through your skin

How does chromium-6 affect your health?

That depends on



how long you have been in contact with it;



how much gets inside your body;



how it gets inside your body: by being breathed in, swallowed, or getting through the skin;

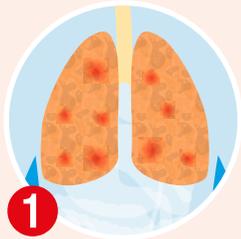


how your body reacts to chemicals;



how healthy you are.

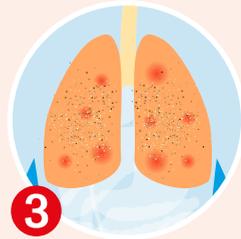
Which diseases CAN chromium-6 cause?



1
Lung cancer



2
Cancers of the nose and sinuses



3
COPD



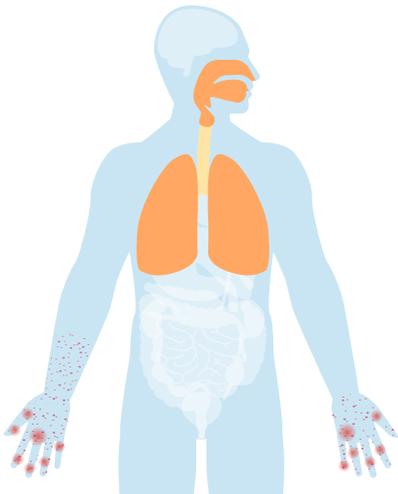
4
Asthma and rhinitis



5
Eczema



6
Holes inside the nose, between the nostrils, caused by chromium ulcers.



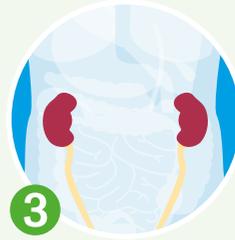
Which diseases are **PROBABLY NOT** caused by chromium-6?



1
Cancer of parts of the large intestine



2
Throat cancer



3
Kidney problems



4
Liver problems



5
Problems with the heart and blood vessels



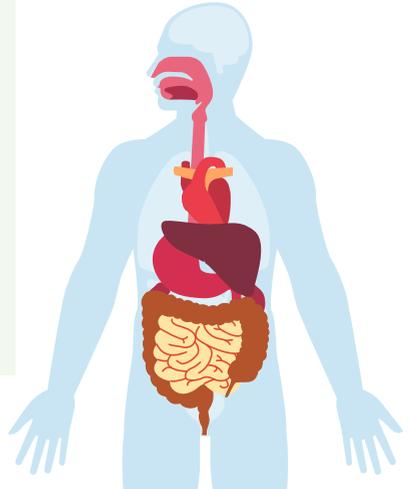
6
Nerve problems



7
Tooth problems



8
Disorders of the immune system



With some diseases it is **UNCLEAR** whether they are caused by chromium-6, which diseases are these?

In some diseases, even after doing scientific research, no clear link with chromium-6 has been found. Tests in animals have found evidence of a link, but we don't know enough about what is happening in people, or what we do know is not clear enough.



Do I need to make an appointment for a medical examination at IKA Ned?



If you are still worried about your health after reading this information or after the information meeting, make an appointment for a medical examination at IKA-Ned.

What will happen during a medical examination at IKA Ned?

The doctor will talk to you about:

- how you came into contact with chromium-6 at work;
- any health problems you have.

If necessary, the doctor will examine you.

The doctor will look at:

- your medical record from your family doctor or from a specialist;
- information about your work at tROM;
- information from the RIVM and other scientific research.

After the medical examination you will get a report about your health and about a possible relationship with chromium-6. If you wish, IKA Ned will send a copy to your family doctor.



PLEASE NOTE:

We will not know for sure whether your health complaints were caused by chromium-6 until the RIVM's report on the Tilburg situation is complete.

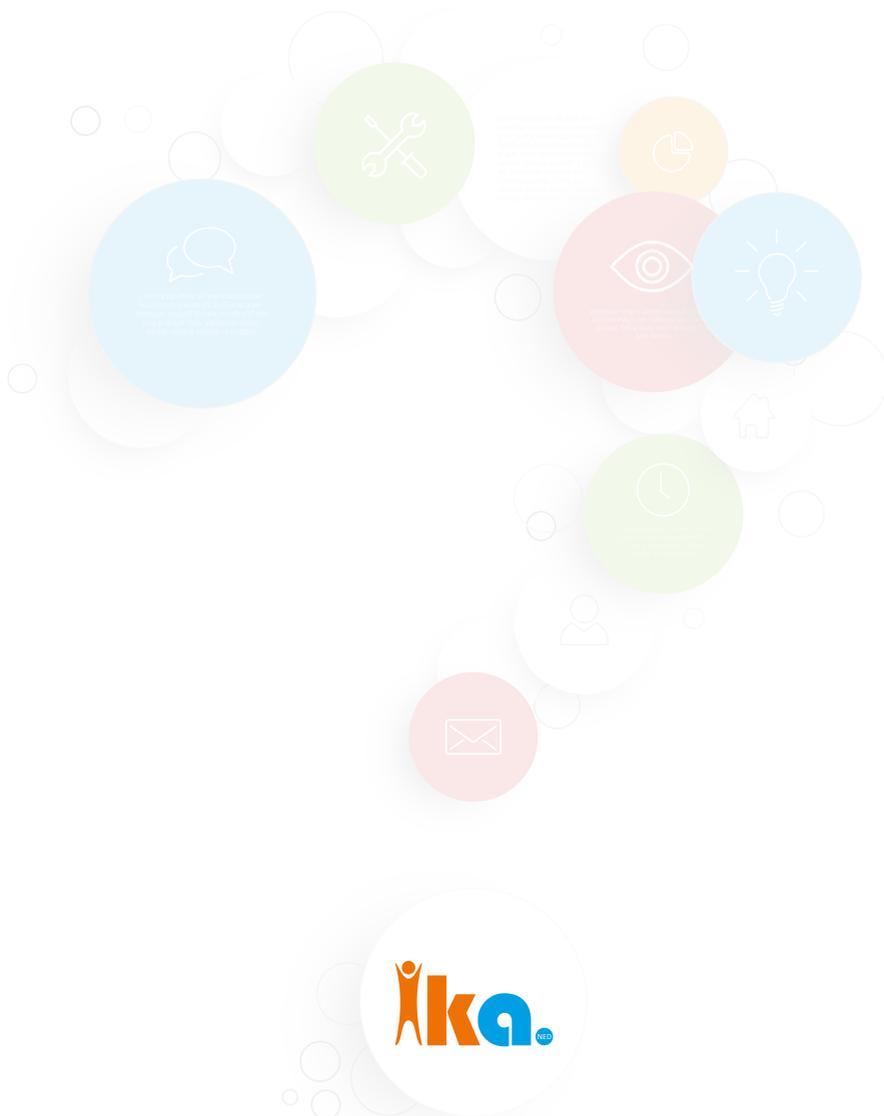
How can I make an appointment for a medical examination at IKA Ned?



Register via 06 2044 8194 or via tilburg-chroom6@caop.nl with CAOP. After you have registered you will receive an invitation from IKA Ned.



The medical examination is free for anyone who worked for tROM from 2004 to 2011.



Instituut voor Klinische Arbeidsgeneeskunde

IKA Ned | Loosdrechtse Bos 17 | 1213 RH Hilversum | 085 009 0005 | info@ika-ned.nl

Disclaimer: This leaflet was produced with advice and assistance from health and safety experts. No rights can be derived from this leaflet.
Versie mei 2017 - Engels | Afbeelding chromo-6 pagina 2. © 2005 - Creative Commons - BXXD | ontwerp en layout ideesign.nl