

SAFETY DATA SHEET

ULTRA COPPER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME ULTRA COPPER
 PRODUCT NO. 81871, 81872, 81873
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2 HAZARDS IDENTIFICATION

Irritating to eyes. May cause sensitisation by skin contact. Limited evidence of a carcinogenic effect.

CLASSIFICATION Carc 3;R40. Xi;R36. R43.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ETHYL METHYL KETOXIME	202-496-6	96-29-7	1-5%	Carc3;R40 Xn;R21 R43 Xi;R41
IRON OXIDE		1309-37-1	1-5%	Xi;R36/37/38.
SILANE, DICHLORODIMETHYL-REACTION PRODUCTS WITH SILICA	271-893-4	68611-44-9	1-10%	Xi;R37.
SILICATE MINERALS		12001-26-2	1-5%	N;R51/53.
Vinyl Oximosilane	218-747-8	2224-33-1	1-5%	Xi;R37/38,R41. R43.

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

INHALATION

Remove victim immediately from source of exposure. Move into fresh air and keep at rest. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

INGESTION

Immediately rinse mouth and provide fresh air. If swallowed, seek medical advice immediately and show this container or label.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Carbon dioxide (CO2). Dry chemicals. Foam.

UNUSUAL FIRE & EXPLOSION HAZARDS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

ULTRA COPPER**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Follow precautions for safe handling described in this safety data sheet. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

SPILL CLEAN UP METHODS

Ventilate well. Absorb spillage with suitable absorbent material. Shovel into dry containers. Cover and move the containers. Flush the area with water.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Avoid contact with skin and eyes. Do not eat, drink or smoke when using the product.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**PROCESS CONDITIONS**

Provide eyewash, quick drench.

ENGINEERING MEASURES

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. Chemical respirator with organic vapour cartridge.

HAND PROTECTION

Use protective gloves. Use protective gloves made of: Neoprene. or Nitrile.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENE MEASURES

Wash hands after contact. Wash promptly with soap & water if skin becomes contaminated. When using do not eat, drink or smoke.

SKIN PROTECTION

Wear apron or protective clothing in case of contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Coloured paste		
COLOUR	Copper.		
ODOUR	Mild		
RELATIVE DENSITY	1.05	VAPOUR DENSITY (air=1)	3.0
VAPOUR PRESSURE	<5 mm Hg 20	VOLATILE ORGANIC COMPOUND (VOC)	<4%

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid contact with water.

HAZARDOUS POLYMERISATION

May polymerise.

MATERIALS TO AVOID

Strong oxidising substances. Strong acids. Water, steam, water mixtures.

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HAZARDOUS DECOMPOSITION PRODUCTS

By fire, toxic gases (CO, CO₂, NO_x) may be formed.

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

Irritating to eyes, respiratory system and skin. Limited evidence of a carcinogenic effect.

INHALATION

Irritating to respiratory system. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

INGESTION

May cause discomfort if swallowed. Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT

Irritating to skin. Prolonged contact may cause redness, irritation and dry skin. Risk of sensitisation or allergic reactions among sensitive individuals.

EYE CONTACT

May cause temporary eye irritation.

ROUTE OF ENTRY

Inhalation. Ingestion. Skin and/or eye contact.

TARGET ORGANS

Eyes. Skin. Respiratory system, lungs. Gastro-intestinal tract.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

There are no data on the ecotoxicity of this product.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

MARINE POLLUTANT

No.

15 REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS

ETHYL METHYL KETOXIME

Vinyl Oximosilane

RISK PHRASES

R36 Irritating to eyes.

R40 Limited evidence of a carcinogenic effect.

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	R43	May cause sensitisation by skin contact.
SAFETY PHRASES	S25	Avoid contact with eyes.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S36/37	Wear suitable protective clothing and gloves.

16 OTHER INFORMATION

REVISION DATE 11/02/2009

REV. NO./REPL. SDS GENERATED 1

RISK PHRASES IN FULL

R21	Harmful in contact with skin.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R37/38	Irritating to respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.