

Material Safety Data Sheet

Product And Company Identification

PRODUCT NAME: 71415 Soldering Iron Kit - Lead-Free Solder Wire

APPLICATIONS: Soldering

SUPPLIER: Draper Tools Ltd
Hursley Road
Chandlers Ford
Eastleigh
Hampshire
SO53 1YF
Draper Helpline +44 (0) 2380 494344

Characteristics

Substance / Mixture :	Mixture product	
Chemical name	Ingredient & Compositions/%	CAS Registry No.
Solder Alloy	100	
Tin	Balance	7440-31-5
Copper	0.7 ± 0.2	7440-50-8
Rosin	2.2 ± 0.2	65997-05-9

United Nations Classification & UN Number: NA

Hazards Identification Item : No applicable to hazardous Substances
Noxiousness: Inhalation of gas when soldering operation, it may cause stimulation of throat & nose and feeling sick

Emergency and First Aid Procedures

Eye contact of gas : Wash with running water (or purified water) for 15 minutes or more. And then call physician, if necessary.

Inhalation of gas : Remove the sufferer from the contaminated area, and breathe fresh air. Rest and keep warm.

First and Explosion Hazard Data

Extinguishing Method : Be sure to wear an appropriate protector according to the fire condition when extinguishing.
Prevent catching fire from the origin of fire and extinguish a fire by extinguishing agent.

Extinguishing Agent : Dry Chemical Powder, Foam, Carbon di-oxide Gas

Handing and Storage

Handing : (1) Before meal or after completion of operation, make sure to wash hands and gargle the throat.

(2) Provide local ventilator at the work area of soldering.

Storage : Avoid the place directly exposed to the sun rays.

Store the container in a cool and dark place.

Exposure Protection

Density allowance : 2.0 【mg/m³】 (value as Tin content)

Facilities : Local ventilator, whole ventilator (at soldering operation)

Protective Equipment Inhalation : Safety face protective mask

Eyes : Goggle

Hands : Cotton glove

Body : Protective apron for electrostatic prevention

Physical / Chemical properties

Outer Appearance : Rosin Flux solder wire

Colour : White Metal

Melting point : 227°C

Specific Gravity : 7.4

Hazard Data

Inflammability : None

Combustibility (Spontaneous combustibility, Reacting to water): None

Self Reactivity Explosion : None

Dust Explosion : None

Stability Reactivity : Stable

Ecology Information

Biodegradability : No relevant information found.

Bioaccumulation : No relevant information found.

Fish Toxicity : No relevant information found.

Toxicological Information

It is including symptoms and epidemics information about human being.

Corrosive properties : None

Irritant properties (skin, eyes) : None

Allergenic and Sensitizing effects : Rosin odor

Carcinogenic effects : No relevant information found.

Mutagenic effects : No relevant information found.

(microbe chromosome aberration)

Effects on the reproductive system : No relevant information found.

Teratogenic effects : No relevant information found.

Others (including such case of producing poisonous gas when reacting to water) :

No relevant information found.

Precaution for Disposal

Strictly observe the local regulation for disposal.

Precaution for Transportation

Handle with care.

Avoid such place with high temperature and high humidity and do not directly expose to the sun rays.

Beware of fire.

Other Information

Hazard data and toxicological information are not comprehensive.

Kindly be advised to carefully handle this product.

The data provided in this sheet does not show or imply any guarantee, but show our honesty.