

## Document type

## Safety Data Sheet

### 1. Product identification

<b>1.1 Trading Name</b>	<b>LIQUID METAL COMP C - IRON</b>
<b>1.2 Type of product and use</b>	Decorative coating for architectural surfaces
<b>1.3 Producer</b>	<b>Stucco Italiano Srl</b> Via Rovereto 20 – 36030 Costabissara (VI) – Italy Tel.: +39 0444 700 991, Email: info@stuccoitaliano.it web: www.stuccoitaliano.com
<b>1.4 Emergency contact num.</b>	Technical information: Stucco Italiano Srl office +39 0444 700 991 (Monday-Friday 8.00–17.00); Mobile phone +39 340 3058872 (Saturday and Sunday)

### 2. Identification of hazards

<b>2.1 Classification of the substance or mixture</b>	
<b>2.2 Label Elements</b>	
<b>Hazard pictograms</b>	None
<b>Signal word</b>	None
<b>Hazard statements:</b>	None
<b>Precaution statements</b>	None
<b>Supplemental Information</b>	None
<b>2.3 Other hazards</b>	No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$
<b>Other hazards</b>	No other hazards

### 3. Composition

<b>3.1 Substances</b>	None
<b>3.2 Mixtures</b>	None
<b>3.3 Other information on ingredients</b>	Iron, C.A.S. No. 7439-89-6

### 4. First-aid measures

#### 4.1 First aid measures:

<b>Contact with skin</b>	Wash thoroughly with soap and water. In case of irritation, consult a doctor. In case of contact with molten product, cool quickly with water and immediately consult a doctor. Do not attempt to remove molten product from the skin as the skin can easily tear. Cuts or abrasions should be promptly treated with thorough cleaning of the affected area.
<b>Contact with eyes</b>	Apply general measures if eye irritation occurs. Do not rub the eyes. Remove any contact lenses. Rinse the eyes thoroughly with water, being careful to rinse under the eyelids. If irritation persists, continue to rinse for 15 minutes, rinsing under the eyelids from time to time. If discomfort persists, consult a doctor.

<b>Ingestion</b>	In case of significant oral intake (several mg of Cu), rinse the mouth and give 200-300 ml of water to drink. Do not induce vomiting. Consult a doctor if the discomfort persists.
<b>Inhalation</b>	Move the exposed person immediately to fresh air. Perform artificial respiration if necessary. Consult a doctor as soon as possible.
<b>4.3 Medical attention</b>	In case of unwellness, seek medical advice immediately

## 5. Firefighting measures

<b>5.1 Extinguishing media</b>	Suitable media: Dry sand, powder D fire extinguishers. Media which must not be used: Do not use water or halogenated substances as firefighting agents.
<b>5.2 Special hazards</b>	Do not inhale explosion and combustion gases Burning produces heavy smoke Special attention should be paid to processes and/or facilities that involve the formation of clouds of very fine dust that may be potentially flammable in the presence of ignition sources, which may lead to explosions.
<b>5.3 Advice for firefighters</b>	Use suitable breathing apparatus Collect contaminated fire extinguishing water separately. This must not be discharged into drains. The product is not flammable.

## 6. Accidental release measures

<b>6.1 Individual precautions</b>	Avoid the formation of dust clouds. Ensure adequate ventilation. Avoid inhalation of dust. Wear suitable protective clothing.
<b>6.2 Environmental precaution</b>	Do not allow to enter soil / subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand
<b>6.3 Cleaning methods</b>	Do not use compressed air. Collect the product with a scoop into containers for recycling.

## 7. Handling and storage

<b>7.1 Handling precautions</b>	Never reuse empty containers before they have been subjected to industrial cleaning or reconditioning. Prior to carrying out work with ignition sources, clean pipelines and containers. Before carrying out transfer operations, make sure that there are no residues of incompatible substances inside the tank. As for protective devices, refer to point 8 of this data sheet.
<b>7.2 Incompatible materials</b>	Keep away from food and drink
<b>Storage conditions</b>	Store in a covered, dry, and naturally ventilated area. Avoid depositing the material on the floor. Keep away from food, feed, and drinks. Keep containers separate from strong oxidizers. The storage area must be arranged in a way that prevents accidental leaks from percolating into the soil. Do not stack more than 3 pallets (for

products packaged in drums). Do not stack more than 1 pallet (for products packaged in big-bags).

## 8. Individual control

8.1 Control parameters	The environment must have sufficient air exchange to keep the concentration below the limits.
<b>8.2 Exposure controls</b>	
<b>Precautionary measures</b>	Do not eat, drink, or smoke in areas where handling and processing occur.
<b>Breathing protection</b>	FFP2 (S) mask filter for dust and FFP3 for fumes (support: half-mask) Local exhaust of fumes (high efficiency: 90-95%) Cyclones/Filters (to minimize the emission of dust into the atmosphere)
<b>Hands protection</b>	No safety measures for normal use.
<b>Eyes protection</b>	Use close fitting safety glasses with side shields, don't use eye lenses
<b>Skin protection</b>	No safety measures for normal use.
<b>Exposure limits</b>	No safety measures for normal use.
<b>Thermal hazards</b>	None
<b>Environmental exposure</b>	Prevent the release or abandonment into the surrounding environment. Take precautions against discharge into public sewers or receiving water bodies. Dispose of the material and its containers at a hazardous waste collection point.
<b>Engineering controls</b>	None

## 9. Chemical / Physical characteristics

<b>Physical state</b>	Solid, powder
<b>Colour</b>	Iron grey
<b>Odour</b>	None
<b>pH value</b>	N.A.
<b>Melting / freezing point:</b>	N.A.
<b>Boiling point</b>	N.A.
<b>boiling range</b>	N.A.
<b>Water solubility</b>	N.A.
<b>Specific weight</b>	N.A.
<b>Flammability</b>	Non flammable
<b>Vapour density</b>	N.A.
<b>Flash point:</b>	N.A.
<b>Vapour pressure</b>	N.A.
<b>Evaporation rate</b>	N.A.
<b>Relative density</b>	2.5 –4 g/cm <sup>3</sup>
<b>Solubility in oil</b>	N.A.

<b>Partition coefficient</b>	N.A.
<b>Anti-ignition temperature</b>	N.A.
<b>Decomposition temperature</b>	N.A.
<b>Viscosity</b>	N.A.
<b>Explosive properties</b>	The substance is non-explosive. It does not contain groups associated with explosive properties.
<b>Oxidising properties</b>	N.A.
<b>9.2 Other information</b>	N.A.
<b>Miscibility</b>	N.A.
<b>Fat Solubility</b>	N.A.
<b>Conductivity</b>	N.A.
<b>Substance groups</b>	N.A.

## 10. Stability and reactivity

<b>10.1 Reactivity</b>	Stable under normal conditions
<b>10.2 Chemical stability</b>	Stable under normal conditions
<b>10.3 Hazardous reactions</b>	It releases soluble copper compounds in reaction with H-equivalents.
<b>10.4 Conditions to avoid</b>	Avoid the formation of dust and contact with acids.
<b>10.5 Incompatible materials</b>	Strong concentrated acids.
<b>10.6 Decomposition hazards</b>	None

## 11. Toxicological information

<b>11.1 Toxicological effect</b>	
<b>Acute toxicity</b>	Not classified. No data available for the product
<b>Skin irritation</b>	Not classified. No data available for the product
<b>Serious eye damage</b>	Not classified. No data available for the product
<b>Respiratory sensitisation</b>	Not classified. No data available for the product
<b>Skin sensitisation</b>	Not classified. No data available for the product
<b>Germ cell mutagenicity</b>	Not classified. No data available for the product
<b>Carcinogenicity</b>	Not classified. No data available for the product
<b>Reproductive toxicity</b>	Not classified. No data available for the product
<b>STOT-single exposure</b>	Not classified. No data available for the product
<b>STOT-repeated exposure</b>	Not classified. No data available for the product
<b>Aspiration hazards</b>	Not classified. No data available for the product
<b>Toxicological information of the main substances found in the product</b>	Iron

### 11.2 Other hazards

Endocrine disrupting properties: No endocrine disruptor substances present in concentration  $\geq 0.1\%$

## 12. Ecological information

<b>12.1 Toxicity</b>	N/A
<b>Acute aquatic toxicity</b>	N/A
<b>Chronic toxicity in freshwater</b>	N/A
<b>Chronic toxicity in marine water</b>	N/A
<b>Sediment toxicity in freshwater</b>	N/A
<b>Soil toxicity</b>	N/A
<b>Persistence and degradability</b>	N/A
	N/A
<b>Bioaccumulation potential</b>	N/A
	N/A
<b>Soil mobility</b>	N/A
<b>PBT and vPvB assessment results</b>	N/A
<b>Other harmful effects</b>	N/A

## 13. Information on disposal

### Waste treatment methods

The disposal of the product should be carried out as hazardous waste, according to current regulations. Depending on the waste origin and its current state, different European codes (CER) may apply.

Disposal of the containers should also be carried out according to current regulations. Depending on the waste origin and its current state, different European codes (CER) may apply.

## 14. Information on transport

### RID – ADR – IMDG – IATA / ICAO:

Product not classified as dangerous

## 15. Regulatory information

### 15.1 Safety, health and environmental

#### regulations/legislation specific for the substance or mixture

Dir. 98/24/EC (Risks related to chemical agents at work)  
 Dir. 2000/39/EC (Occupational exposure limit values)  
 Regulation (EC) n. 1907/2006 (REACH)  
 Regulation (EC) n. 1272/2008 (CLP)  
 Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) 2015/830  
 Regulation (EU) n. 286/2011 (ATP 2 CLP)  
 Regulation (EU) n. 618/2012 (ATP 3 CLP)  
 Regulation (EU) n. 487/2013 (ATP 4 CLP)  
 Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU) n. 2015/1221 (ATP 7 CLP) Regulation (EU) n. 2016/918 (ATP

8 CLP) Regulation (EU) n. 2016/1179 (ATP 9 CLP) Regulation (EU) n. 2017/776 (ATP 10 CLP) Regulation (EU) n. 2018/669 (ATP 11 CLP) Regulation (EU) n. 2018/1480 (ATP 13 CLP) Regulation (EU) n. 2019/521 (ATP 12 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product: Restriction 3

Restrictions related to the substances contained: No restriction.

Where applicable, refer to the following regulatory provisions : Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive) Provisions related to directive EU 2012/18 (Seveso III): Seveso III category according to Annex 1, part 1 : None

#### 15.2 Chemical safety

No Chemical Safety Assessment has been carried out for the mixture.

### 16. Other information

This safety data sheet has been completely updated in compliance to Regulation 2020/878. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP)

<b>ADR</b>	European Agreement concerning International Carriage of Dangerous Goods by Road
<b>ATE</b>	Acute Toxicity Estimate
<b>ATEMix</b>	Acute toxicity Estimate (Mixtures)
<b>CAS</b>	Chemical Abstracts Service (division of the American Chemical Society).
<b>CLP</b>	Classification, Labeling, Packaging.
<b>DNEL</b>	Derived No Effect Level.
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances.
<b>GefStoffVO</b>	Ordinance on Hazardous Substances, Germany.
<b>GHS</b>	Globally Harmonized System of Classification and Labeling of Chemicals.
<b>IATA</b>	International Air Transport Association.
<b>IATA-DGR</b>	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
<b>ICAO</b>	International Civil Aviation Organization.
<b>ICAO-TI</b>	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
<b>IMDG</b>	International Maritime Code for Dangerous Goods.
<b>INCI</b>	International Nomenclature of Cosmetic Ingredients.
<b>KSt</b>	Explosion coefficient.
<b>LC50</b>	Lethal concentration, for 50 percent of test population.

<b>LD50</b>	Lethal dose, for 50 percent of test population
<b>PNEC</b>	Predicted No Effect Concentration.
<b>RID</b>	Regulation Concerning the International Transport of Dangerous Goods by Rail.
<b>STEL</b>	Short Term Exposure limit.
<b>STOT</b>	Specific Target Organ Toxicity.
<b>TLV</b>	Threshold Limiting Value.
<b>TWA</b>	Time-weighted average
<b>WGK</b>	German Water Hazard Class.

The information contained herein is based on our knowledge at the date given below, refers only to the product indicated and does not represent a guarantee of particular qualities.

The user has to make sure of the suitability and completeness of such information in relation with the specific use and always under his responsibility act in accordance with the regulation on health, safety and environmental protection, provided by current laws.

The manufacturer declines all liability for improper use.

This SDS cancels and replaces any preceding release.