



Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015			
1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING			
1.1 Product identifier			
Product Name:		voestalpine Metsec plc metal products	
1.2 Relevant identified uses of the substance or mixture and uses advised against			
Identified use(s)	Dry lining products - used in conjunction with Gypsum plasterboards products are used to form internal walls and ceiling systems, wall linings and encasements, in non-load bearing applications. No specific uses advised against are identified.		
	Cable management products - secure cable containment and support systems		
	Purlins and side rail components - structural components for roofs, walls and mezzanine floors		
	SFS - light gauge steel framing systems for internal and external construction		
	Metframe - pre-panelised components for off-site framing		
1.3 Details of the supplier of the safety data sheet			
Manufacturer		voestalpine Metsec plc Broadwell Road Oldbury West Midlands B69 4HF	
1.4 Emergency Telephone Number			
Contact Number		+44 (0)121 601 6000	
Opening Hours		7:30am - 5:00pm Monday – Thursday 7:30am - 1:30pm Friday	
2 HAZARDS IDENTIFICATION			
2.1 Classification of the substance or mixture Classification (EC 1272/2008)			
Physical Hazards		Not Classified	
Health Hazards		Not Classified	
Environmental Hazards		Not Classified	
Human Health	Under normal conditions steel products do not present an inhalation, ingestion, or contact health hazard.		
	Sharp edges and corners may cause cuts and abrasions.		
	Operations such as burning, welding, sawing brazing, grinding and possibly machining etc., which results in elevating the product above its melting point or result in the generation of airborne particles which may present health hazards.		
2.2 Label Elements			
Hazard Statement		Not Classified	
Labelling Notes		As supplied, this product does not meet the requirements for labelling	
2.3 Other Hazards			
Other hazards		This product does not contain any substances classified as PBT or vPvB	
3 COMPOSITION/INFORMATION ON INGREDIENTS			
3.1 Substances			
Chemical Name	CAS Number	EC Number	Weight
Iron	7439-89-6	231-096-4	95-98.3
Carbon	7440-44-0	231-153-3	≤0.25
Manganese	7439-96-5	231-105-1	≤0.95
Phosphorous	7723-14-0	231-768-7	≤0.035
Sulphur	7704-34-9	231-722-6	≤0.035
*Chromium	7440-47-3	231-157-5	16.5-19.5
*Nickel	7440-02-0	231-111-4	8.0-13.0
Zinc (Product Coating)	7440-66-6	231-175-3	N/A**
oil-based water soluble rust inhibitor	Mixture	-	≤0.10
*Stainless Steel only - grades supplied 1.4404 (316) and 1.4301 (304)			
** For galvanized coated steel the Zinc Coating is designated by weight and is product specific, standard coating weights include 140g/M2, 275g/M2 and 600g/M2			



3.2	Mixtures	
Composition comments	Cold rolled steel profiles are supplied in mild steel, stainless steel, structural grade steel and include profiles coated by Zinc via the electrolytic process or hot dip galvanized process. The steel profiles may have a protective film of anti-rust inhibitors and or rolling oil.	
4	First Aid Measures	
4.1	Description of First Aid Measures	
General information	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel	
Inhalation	Due to the physical nature of this product, exposure by this route is unlikely. If however overexposure to airborne fumes and particulates move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.	
Skin contact	If over exposure to dusts or particulates wash skin thoroughly with soap and water, get medical attention if irritation develops or persists. If skin is punctured, then treat as for a normal cut or wound. Apply pressure to stop bleeding	
Eye contact	Due to the physical nature of this product, exposure by this route is unlikely. IF IN EYES: Remove any contact lenses and open eyelids wide apart. Rinse with water. Do not rub eye. If in doubt, get medical attention promptly	
Ingestion	Not considered an ingestion hazard. However, if excessive amounts of dust or particulates are swallowed, treat symptomatically and supportively. Get medical attention	
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.	
4.2	Most Important Symptoms and Effects, both Acute and Delayed.	
General information	The product is considered to be a low hazard under normal conditions of use. See Section 11 for additional information on health hazards. The severity of the symptoms described will vary	
Inhalation	Harmful dust may be released during cutting or grinding process. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.	
Skin contact	No specific symptoms known. Sharp edges and corners may cause cuts and abrasions. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.	
Eye contact	No specific symptoms known. Sharp edges and corners may cause cuts and abrasions. Harmful dust may be released during cutting or grinding process. Particles in the eyes may cause	
Ingestion	No specific symptoms known. May cause discomfort. Sharp edges and corners may cause cuts and abrasions.	
4.3	Indication of any Immediate Medical Attention and Special Treatment Needed	
Specific treatments	No special treatment required	
Notes for the doctor	Treat symptomatically.	
5	FIRE FIGHTING MEASURES	
5.1	Extinguishing Media	
Suitable Media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire extinguishing media suitable for the surrounding fire.	
Unsuitable Media	Do not use water jet as extinguisher, as this will spread the fire	
5.2	Special Hazards Arising from The Substance or Mixture	
Specific hazards	None known.	
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. Metal oxide(s).	
5.3	Advice for Firefighters	
Protective actions during fire fighting	Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.	
Special protective equipment during fire fighting	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.	
6	ACCIDENTAL RELEASE MEASURES	
6.1	Personal Precautions, Protective Equipment and Emergency Procedures	
Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Sharp edges and corners may cause cuts and abrasions	
6.2	Environmental Precautions	
Environmental precautions	The product is not expected to be hazardous to the environment.	
6.3	Methods And Material for Containment And Cleaning Up	
Methods for cleaning up	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Reuse or recycle products wherever possible. Collect spillage. Do not empty into drains. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.	



6.4	Reference to other Sections	
Reference to other Sections	For personal protection, see Section 8. For waste disposal, see Section 13.	
7	HANDLING AND STORAGE	
7.1	Precautions For Safe Handling	
Usage precautions	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Do not handle until all safety precautions have been read and understood. Handle all packages and containers carefully to minimize spills. Sharp edges and corners may cause cuts and abrasions.	
Advice on general occupational hygiene	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.	
7.2	Conditions For Safe Storage, Including Any Incompatibilities	
Storage precautions	Store away from incompatible materials (see Section 10). Store in accordance with local regulations. Zinc coated material if stored outside should be stored off the ground and the product separated to prevent water entrapment. Separating the product will allow product to dry and prevent corrosion.	
Storage class	Unspecified storage.	
7.3	Specific End Use(s)	
Specific End Use(s)	The identified uses for these product are detailed in Section 1.2	
8	EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1	Control Parameters	
Ingredient comments	No exposure limits known for ingredient(s).	
8.2	Exposure controls and Personal Protection	
Appropriate engineering	Provide adequate ventilation. Harmful dust may be released during cutting or grinding process. Use mechanical ventilation if there is a risk of handling causing formation of airborne dust. Observe any occupational exposure limits for the product or ingredients.	
Eye/face protection	Sharp edges and corners may cause cuts and abrasions. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Wear tight-fitting, dust-resistant, chemical splash goggles if airborne dust is generated.	
Other skin and body Protection	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible. Good personal hygiene procedures should be implemented. When using do not eat, drink, or smoke.	
Respiratory protection	No specific requirements are anticipated under normal conditions of use. Harmful dust may be released during cutting or grinding process. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a suitable dust mask. Disposable filtering half mask respirators should comply with European Standard EN149 or EN405. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly.	
Environmental exposure controls	Not regarded as dangerous for the environment.	

9	PHYSICAL AND CHEMICAL PROPERTIES
9.1	Information on Basic Physical and Chemical Properties
Appearance:	Metal length sections in various lengths, thicknesses and profile
Colour:	Various metallic colours
Odour:	Odourless
Odour threshold:	No information available
Ph:	Not relevant
Melting point:	>1000 ^o C
Initial boiling point and range:	Not relevant
Flash point:	Not relevant
Evaporation rate:	Not relevant
Evaporation factor:	Not relevant
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Not determined
Other flammability:	Not determined
Vapour pressure:	Not relevant
Vapour density:	Not relevant
Relative density:	Approx. 7850Kg/M ³ . Stainless Steel 7500 to 8000Kg/m ³
Bulk density:	Approx. 7850Kg/M ³ . Stainless Steel 7500 to 8000Kg/m ³
Solubility(ies):	Not determined
Partition coefficient:	Not determined
Auto-ignition temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not relevant
Explosive properties:	Not considered to be explosive
Oxidizing properties:	Does not meet the criteria for classification as oxidizing
9.2	Other Information
Other Information	No information required.
10	STABILITY AND REACTIVITY
10.1	Reactivity
Reactivity	There are no known reactivity hazards associated with this product
10.2	Chemical Stability
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions
10.3	Possibility of Hazardous Reactions
Possibility of hazardous reactions	No potentially hazardous reactions known
10.4	Conditions to Avoid
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation
10.5	Incompatible Materials
Materials to avoid	Avoid contact with acids and alkalis
10.6	Hazardous Decomposition products
Hazardous decomposition products	Does not decompose when used and stored as recommended

11	TOXOLOGICAL INFORMATION
11.1	Information on Toxicological Effects
Toxicological effects	Not regarded as a health hazard under current legislation.
Acute toxicity – oral	Based on available data the classification criteria are not met.
Acute toxicity – dermal	Based on available data the classification criteria are not met.
Acute toxicity - inhalation	Based on available data the classification criteria are not met.
Skin corrosion/irritation	Based on available data the classification criteria are not met.
Serious eye damage/irritation	Based on available data the classification criteria are not met.
Respiratory sensitization	Based on available data the classification criteria are not met.
Skin sensitization	Based on available data the classification criteria are not met.
Germ cell mutagenicity	Based on available data the classification criteria are not met.
Carcinogenicity	Based on available data the classification criteria are not met.
Reproductive toxicity	Based on available data the classification criteria are not met.
Specific target organ toxicity	Based on available data the classification criteria are not met.
Specific target organ toxicity repeated exposure	Based on available data the classification criteria are not met.
Aspiration hazard	Not relevant. Solid.
General information	The product is considered to be a low hazard under normal conditions of use. No specific health hazards known
Inhalation	No specific symptoms known. Harmful dust may be released during cutting or grinding process. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.
Skin contact	No specific symptoms known. Sharp edges and corners may cause cuts and abrasions. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis
Eye Contact	No specific symptoms known. Sharp edges and corners may cause cuts and abrasions. Harmful dust may be released during cutting or grinding process. Particles in the eyes may cause irritation and smarting.
Route of exposure	Dermal Inhalation Harmful dust may be released during cutting or grinding .
Target organs	No specific target organs known.
12	ECOLOGICAL INFORMATION
12.1	Ecotoxicity
Ecotoxicity	Not regarded as dangerous for the environment. However, large or frequent spills may have
12.2	Toxicity
Toxicity	The product is not believed to present a hazard due to its physical nature.
12.3	Persistence and Degradability
Persistence and Degradability	Not readily biodegradable.
12.4	Bio Accumulative Potential
Partition coefficient	No data available on bio accumulation.
Bio Accumulative Potential	Not determined
12.5	Mobility In Soil
Mobility In Soil	No data available.
12.6	Results of PBT and vPvB Assessment
Results of PBT and vPvB	This product does not contain any substances classified as PBT or vPvB.
12.7	Other Adverse Effects
Other Adverse Effects	None known.
13	DISPOSAL CONSIDERATIONS
13.1	Waste Treatment Methods
General information	Product and packaging is 100% recyclable. The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its packaging must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.
Disposal methods	Dispose of surplus products via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill for packaging should only be considered when recycling is not feasible.



14	TRANSPORT INFORMATION	
14.1	General	
General information	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).	
14.2	UN Number	
UN number	Not applicable	
14.3	UN Proper Shipping Name	
	Not applicable	
14.4	Packing Group	
Packing group	Not applicable	
14.5	Environmental Hazards	
Environmental hazards	Not applicable	
14.6	Special precautions for User	
Special precautions for user	Not applicable	
14.7	Transport in Bulk According to Annex II of MARPOL and the IBC Code	
Transport in Bulk According to Annex II of MARPOL and the IBC Code	Not applicable	
15	REGULATORY INFORMATION	
15.1	Safety, Health And Environmental Regulations/Legislation Specific For The Substance Or Mixture	
Eu legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 2015/830 of 28 May 2015	
15.2	Chemical Safety Assessment	
Chemical Safety Assessment	No chemical safety assessment has been carried out.	
16	OTHER INFORMATION	
16.1	Abbreviations and Acronyms used in this Datasheet	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road.	
AND	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.	
RID	European Agreement concerning the International Carriage of Dangerous Goods by Rail.	
IATA	International Air Transport Association.	
ICAO	Technical Instructions for the Safe Transport of Dangerous Goods by Air	
IMDG	International Maritime Dangerous Goods.	
CAS	Chemical Abstracts Service.	
PBT	Persistent, Bio accumulative and Toxic substance.	
vPvB	Very Persistent and Very Bio accumulative.	
16.2	General Information	
General information	<p>This SDS is not mandated under REACH Regulation (EC) No 1907/2006 and is provided for information only. As supplied, this product does not meet the requirements for labelling.</p> <p>Training advice read and follow manufacturer's recommendations. Only trained personnel should use this material.</p>	