

MATERIAL SAFETY DATA SHEET

SECTION I. PRODUCT IDENTIFICATION

MANUFACTURER'S NAME AND ADDRESS:

Republic Storage Systems Company, Inc.
 Canton, Ohio 44705
 Telephone Number: (330) 438-5800
 transport EMERGENCY Number:(330) 438-5800

PRODUCTS:

LOCKERS, STORAGE RACK , AND STEEL STORAGE PRODUCTS

SECTION II. HAZARDOUS INGREDIENTS

THESE PRODUCTS ARE NOT CONSIDERED HAZARDOUS AS PURCHASED AND NORMALLY USED AS DEFINED BY U.S. DEPT. OF LABOR CFR 29 1910.1200

In the event that these products are modified by sanding, grinding, welding, sawing, burning or melting the possibility exists that iron, metal, or paint pigment dust may be generated. The following data is provided for industrial hygiene purposes in the event that modifications that cause dust or fumes are conducted on the products and is not intended as a product specification.

INGREDIENT	CAS #	%WT	SARA 313 OSHA	OSHA	ACGIH	Comment
			(as dust)	PEL (mg/M3)	TLV (mg/M3)	
STEEL:						
IRON	1309-37-1	95-99	No	10	5	as Iron Oxide fume
CARBON	7440-44-0	0-2	No	15	10	as Nuisance dust
MANGANESE	7439-96-5	< 1	Yes	5	1 (as fume)	as dust and fumes

Paint Pigments (as Nusance DusNA	< 1	No	15	10		as nuisance dust
Lead in Pigment (Rack Dip ONLY 7439-92-1	< 1	Yes	0.05	0.05		as dust and fumes
Lead in Pigment was only trace amounts< 0.06% in products before 1995)						
ZINC (on plated parts)	7440-66-6	< 1	Yes	5	5	as dust and fumes

This product has no California Proposition 65 chemicals as purchased and normally used. If modified,dusts and fumes of just trace metals (below detection limits) are known by the State of California to cause cancer and reproductive toxicity (Calf Prop. 65). This information has been compiled from data believed to be correct and accurate. Additional trace elements and impurities such as aluminum, antimony, arsenic, boron, calcium, cadmium, chromium, cobalt, columbium, copper, molybdenum,, nickel, phosphorous, silica, silicon, sulfur, tin, titanium, tungsten, vanadium, and zircon maybe present in the steel.

SECTION III. PHYSICAL DATA

DOES NOT APPLY - SOLID, STABLE COATED STEEL

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

DOES NOT APPLY - SOLID, STABLE COATED STEEL

SECTION V. REACTIVITY

DOES NOT APPLY - SOLID, STABLE COATED STEEL

SECTION VI. SPILLS

DOES NOT APPLY - SOLID, STABLE COATED STEEL

SECTION VI. SPECIAL PROTECTION

If the product modification operation generates metal dust or fumes, local general ventilation may be necessary to control employee exposure within acceptable limits. If the dust or fume level exceeds OSHA exposure limits, a NIOSH approved respirator should be worn in accordance with 29 CFR 1910.134. Other protective equipment (goggles, glasses, gloves, etc.) maybe required depending on the type of dust or fume making modification used. Consult the Safety information or MSDS for the modification equipment used.

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SECTION VIII. HEALTH HAZARD DATA

FABRICATED STEEL PRODUCTS IN THEIR NORMAL STATE DO NOT PRESENT HEALTH HAZARDS

In the event that modification (sanding, welding, etc. generates metal fumes or dusts above OSHA standards the following maybe concerns.

IRON OXIDE DUSTS: Prolonged or repeated exposures to high concentrations of dusts or fumes may cause lung changes considered to be benign pneumoconiosis (siderosis). Inhalation may cause irritation of the eyes, nose, and throat and metal fume fever.

MANGANESE DUST and FUMES: Exposure may cause irritation of the eyes, nose and throat, metallic taste in the mouth, and metal fume fever. Advanced exposure symptoms may include weakness, sleepiness, lack of coordination, uncontrollable laughter, mental confusion, speech disturbances, and aggressiveness. Manganese may cause bronchitis, pneumonitis, and central nervous system disorders.

NUISANCE DUSTS: Exposure may cause irritation of eyes, mouth, nose and throat. Respiratory disorders maybe aggravated by exposure to metal dusts.

ZINC DUSTS and FUMES: Respiratory irritation and metal fume fever may result for prolonged over exposures.

LEAD DUSTS and FUMES: Avoid long term and repeated contact to lead dusts and fumes from modifications to certain lead containing dry paint films. Over exposure to lead adversely affects blood, blood forming tissues, kidneys, liver, central nervous system, and reproductive organs. Lead poisoning is characterized by a metallic taste in the mouth, loss of appetite, indigestion, nausea, vomiting, constipation, abdominal cramps, disturbance of sleep, and weakness. Seek medical attention. Consult OSHA Lead Standard 1910.125.

CARCINOGENIC REFERENCES: Certain substances and impurities in the dusts an fumes of steel (such as arsenic, chromium, nickel, cobalt, lead, titanium, etc.) have been identified as potential carcinogens by IARC and/or NTP.

SECTION IX. MEDICAL

FABRICATED STEEL PRODUCTS IN THEIR NORMAL STATE DO NOT PRESENT HEALTH HAZARDS

For over exposure to metal fumes or dusts (only):

FIRST AID: Inhalation - Move to fresh air. Skin - Wash with soap. Eye Contact - Rinse with water.
Ingestion - Consult a physician.

SECTION X. SPECIAL PRECAUTIONS

Although most paint coatings are lead and chrome free, certain old (L50, L64, L71 DIP) paints do contain lead levels above 0.05% dry weight for additional corrosion resistance and per 16 CFR 1303 of Consumer Safety Laws and 21 CFR Subpart C of the Food and Drug Administration, the products should NOT be placed or modified where lead paint dust, fumes or chips could be exposed to small children and should not be used for storage of unwrapped food.

SECTION XI. S.A.R.A.

Items marked yes in SARA 313 in Section II are subject to Section 313 of Title III of SARA of 1986 and 40 CFR 372
AS DUSTS AND FUMES ONLY.

SECTION XII. DISCLAIMER

The information contained herein is based on available steel and coating supplier safety information and is believed to be correct. We make no guarantee or warranty (expressed or implied) regarding the accuracy of this data and we assume no liability or damages incurred by the use of this product. It is the responsibility of the user to comply with all federal, state and local regulations.