ORDER NO: 2818233 RELEASE NO: 001 MSDS NO: MSDS21100

B A R N E S D I S T R I B U T I O N
**** MATERIAL SAFETY DATA SHEET ****

WHEEL BALANCE WEIGHTS

Part # MSDS21100

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: WHEEL BALANCE WEIGHTS
Product CAS: (none)
Product Code:
Synonyms: -21111-1; -21112-1; 21100; 21101; 21102; 21103; 21104; 21105; 21106; 21107; 21108; 21109; 21110; 21111; 21112; 21113; 21114; 21115; 21116; 21117; WHEEL BALANCE WEIGHTS
Company Identification:
Name: BOWMAN DISTRIBUTION
Address: 1301 E. 9TH ST., ST. 700
Address:
City: CLEVELAND State: OH Zip: 44114
For information, call: HEALTH AND TECHNICAL CONTACTS: HEALTH ISSUES AND TECHNICAL INFORMATION (8AM-5PM ET): 1-216-416-7200 X 5860
Emergency Number: ROCKY MOUNTAIN POISON CONTROL CENTER (24 HOURS EVERYDAY): 1-303-623-5716
Emergency Agency: CHEMTREC (24 HOURS EVERYDAY):
Number: 1-800-424-9300
MSDS Creation Date: 1/1/2003
Supersedes Date: 9/18/2000

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical Name	CAS	MIN	MAX
LEAD	7439-92-1	93	99
ANTIMONY	7440-36-0	0	6
ARSENIC	7440-38-2	0	.5
TIN	7440-31-5	0	.5
COPPER	7440-50-8	0	.1

Miscellaneous:
COATING MATERIAL: THERE ARE NO HAZARDS INGREDIENTS IN THE COATING SINCE THE COATING ENCAPSULATES THE LEAD AND ITS INORGANIC COMPOUND, COATED WHEEL BALANCE WEIGHTS ARE NOT CONSIDERED TO BE HAZARDOUS UNDER NORMAL USAGE.

INGREDIENT	OSHA PEL (MG/M3)	ACGIH TLV (MG/M3)	OTHER
LEAD	0.05	0.15	N.A.
ANTIMONY	0.5	0.5	N.A.
ARSENIC	0.01	0.2	N.A.
TIN	--	2	N.A.
COPPER	0.1	0.1	N.A.

Lbs of VOC per Gallon Coating (minus water): 0
Coating Density (lbs/gal): 0
Solvent Density (lbs/gal): 0
Percent Solvent (volume): 0
Percent Solids (volume): 0
Percent Water (volume): 0

**** SECTION 3 - HAZARDS IDENTIFICATION ****

NFPA: Health: Fire: Reactivity: Other:
HMIS: Health: Fire: Reactivity: Special Protection:

Miscellaneous:
HMIS AND NFPA HAZARD RATINGS:

CATEGORY: HMIS / NFPA
ACUTE HEALTH: N.D. / N.D.
FLAMMABILITY: N.D. / N.D.
REACTIVITY: N.D. / N.D.
PERSONAL PROT.: N.D.
SPECIFIC HAZ.: N.D.

POTENTIAL HEALTH EFFECTS

Target Organs:
PRIMARY ROUTES OF EXPOSURE:
INHALATION-POSSIBLE,
INGESTION-POSSIBLE,
SKIN-NO.

Eye:
SIGNS AND SYMPTOMS OF EXPOSURE: EYE CONTACT MAY CAUSE MECHANICAL IRRITATION.

Skin:
SIGNS AND SYMPTOMS OF EXPOSURE: LEAD IS NOT READILY ABSORBED THROUGH THE SKIN, HOWEVER, IT MAY CAUSE MECHANICAL IRRITATION TO THE SKIN. DERMATITIS MAY RESULT FROM REPEATED SKIN CONTACT WITH ANTIMONY, ARSENIC OR TIN COMPOUNDS.

Ingestion:
SIGNS AND SYMPTOMS OF EXPOSURE: INGESTION CAN CAUSE ABSORPTION THROUGH THE DIGESTIVE SYSTEM.

Inhalation:
SIGNS AND SYMPTOMS OF EXPOSURE: INHALATION CAN CAUSE RESPIRATORY TRACT IRRITATION. IT CAN BE ABSORBED THROUGH THE LUNGS AND UPPER RESPIRATORY TRACT.

Miscellaneous:
CONDITIONS TO AVOID: N.A.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: DISEASES OF THE LIVER, KIDNEYS OR NERVOUS SYSTEM. SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO IRRITATION.

HEALTH HAZARDS (ACUTE AND CHRONIC-INCLUDE ORGAN EFFECTS):

IF FUMES ARE GENERATED BY HEATING TO HIGH TEMPERATURES (800 F - 900 F) AND IF OVEREXPOSURE OCCURS, THE ACUTE SYMPTOMS ARE: WEAKNESS, VOMITING, LOSS OF APPETITE, UNCOORDINATED BODY MOVEMENT, CONVULSIONS, STUPOR, BLOODY STOOLS, AND POSSIBLE COMA.
CHRONIC: PROLONGED EXPOSURE ABOVE THE OSHA PEL LIMITS MAY CAUSE WEAKNESS, INSOMNIA, HYPERTENSION, SLIGHT IRRITATION TO SKIN AND EYES, METALLIC TASTE IN MOUTH, ANEMIA, CONSTIPATION, HEADACHE, MUSCLE AND JOINT PAINS, NEUROMUSCULAR DYSFUNCTION, POSSIBLE PARALYSIS, ENCEPHALOPATHY, AND PNEUMOCONIOSIS. THERE IS DANGER IN THE CUMULATIVE EFFECTS OF LEAD.

**** SECTION 4 - FIRST AID MEASURES ****

Eye:
FLUSH WITH LARGE QUANTITIES OF WATER. GET IMMEDIATE MEDICAL ATTENTION.

Skin:
WASH THOROUGHLY WITH SOAP AND WATER.

Ingestion:
GET IMMEDIATE MEDICAL ATTENTION.

Inhalation:
REMOVE FROM EXPOSURE. GET MEDICAL ATTENTION IF EXPERIENCING EFFECTS OF OVEREXPOSURE.

Notes to Physician:

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Unusual Fire and Explosion Hazards:
MOLTEN METALS PRODUCE FUME, DUST, OR MIST THAT MAY BY TOXIC AND/OR RESPIRATORY IRRITANTS. THE METAL OR THE DUST MAY REACT VIGOROUSLY WITH STRONG OXIDIZING AGENTS.

Special Fire Fighting Procedures:
USE APPROVED FULL-FACE PIECE, SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

Extinguishing Media:
DRY CHEMICAL OR CARBON DIOXIDE SHOULD BE USED ON SURROUNDING FIRE. DO NOT USE WATER ON FIRES WHERE MOLTEN METAL IS PRESENT.

Flash Point:
N.A.

Flammable Limits:
Lower Limit:
(%): N.A.
Upper Limit:
(%): N.A.

AutoIgnition Temperature:

General Information:

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Disposal:
MATERIALS SHOULD BE RECYCLED IF AT ALL POSSIBLE. COLLECT AND RETURN TO AN AUTHORIZED RECYCLING CENTER OR TO A SECONDARY LEAD SMELTER. COLLECTION, TRANSPORTATION, STORAGE OR DISPOSAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Spills/Leaks:
NORMALLY THERE IS NO DUST OR PARTICULATE ASSOCIATED WITH COATED WEIGHT. COLLECT DAMAGED OR
0USED WEIGHTS AND PLACE IN CONTAINER FOR RECYCLING. DUST OR PARTICULATE SHOULD BE VACUUMED OR
1WET SWEPT WHERE VACUUMING IS INFEASIBLE. DRY DUST SHOULD BE HANDLED USING CONTROLS WHICH
2MINIMIZE FUGITIVE EMISSIONS AND REENTRY OF DUST INTO THE WORK AREA. PLACE MATERIAL IN DRY
3CLOSED CONTAINERS FOR DISPOSAL OR RECYCLING. DO NOT USE COMPRESSED AIR OR DRY SWEEPING FOR
4CLEANING. USE APPROVED RESPIRATORY PROTECTION IF THE POSSIBILITY OF DUST, FUME, OR MIST
5EXPOSURE EXISTS.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:
SEE "STORAGE" BELOW.

Storage:
STORE IN A DRY AREA WHERE ACCIDENTAL CONTACT WITH ACIDS, BASES, HYDROGEN PEROXIDE, OR HALOGEN GASES IS NOT POSSIBLE. WASHING HANDS, FACE, NECK AND ARMS THOROUGHLY BEFORE EATING OR SMOKING IS RECOMMENDED.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:
VENTILATION: LOCAL EXHAUST: SHALL BE PROVIDED IN AREAS WHERE EXPOSURES EXCEED THE PEL.
MECHANICAL: RECOMMENDED.

Eyes:
GLASSES SHOULD BE USED FOR OPERATIONS GENERATING FLYING PIECES. USE GOGGLES AROUND MOLTEN META
0.

Skin:
NOT REQUIRED.

Clothing:
OTHER PROTECTIVE EQUIPMENT: HARD HAT, SAFETY SHOES, AND OTHER SAFETY EQUIPMENT SHOULD BE WORN AS APPROPRIATE FOR THE ENVIRONMENT.

Respirators:
NORMALLY THERE IS NO DUST OR PARTICULATE ASSOCIATED WITH COATED WHEEL WEIGHTS.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Appearance/Odor:
SILVER, GRAY, ODORLESS METAL. VARIOUS SHAPES AND SIZES. COLOR OF THE COATING IS SILVER OR BLACK.

pH: N.A.
Vapor Pressure: N.A.
Vapor Density: (AIR = 1): N.A.
Evaporation Rate: (ETHER=1): N.A.
Viscosity:
Boiling Point: 2700 F; 1482 C.
Freezing/Melting Point: FREEZING POINT: N.A.
Decomposition Temperature:
Solubility: IN WATER: NEGLIGIBLE
Specific Gravity: 11.3
Molecular Formula:
Molecular Weight:
Miscellaneous:
SPECIFIC GRAVITY (WATER = 1): 9.7-11.3 APPROX.

% VOLATILE BY VOLUME: N.A.

% VOLATILE BY WEIGHT: N.A.

COEFFICIENT WATER/OIL DIST.: N.A.
% SOLID BY WEIGHT (%): 100%

VOC(AS PACKAGED MINUS WATER): N.A.

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:
STABLE.

Conditions to Avoid:

Incompatibilities with Other Materials:
HALOGEN GASES, OXIDIZERS OF ACIDS, OR HYDROGEN PEROXIDE MAY REACT VIOLENTLY UNDER REDUCING CONDITIONS (STRONG ACID OR BASE AND AN ACTIVE METAL) OR IN PRESENCE OF NASCENT HYDROGEN, HIGHLY TOXIC STIBINE OR ARSINE GAS (TLV 0.05 PPM) MAY BE EVOLVED.

Hazardous Decomposition Products:
TEMPERATURES ABOVE THE MELTING POINT MAY PRODUCE LEAD OXIDE DUST AND/OR FUMES.

Hazardous Polymerization:
WILL NOT OCCUR.

B A R N E S D I S T R I B U T I O N

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Toxicological Information:
CARCINOGENICITY: ARSENIC IS LISTED AS A CARCINOGEN BY THE NTP, IARC, OSHA AND NIOSH.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

Ecological Information:
NO DATA AVAILABLE.

**** SECTION 13 - OTHER PRECAUTIONS ****

Other Precautions:
REASONABLE CARE AND CAUTION. THIS MATERIAL IS INTENDED FOR INDUSTRIAL USE; IT MUST BE ISOLATED FROM CHILDREN AND THEIR ENVIRONMENT. DO NOT EAT, DRINK, OR SMOKE IN WORK AREAS. WORK CLOTHES AND EQUIPMENT SHOULD REMAININ DESIGNATED AREAS AND SHOULD NEVER BE TAKEN HOME OR LAUNDERED WITH PERSONAL CLOTHING. DO NOT USE COMPRESSED AIR FOR BLOWING DUST OFF CLOTHING.

Work/Hygienic Practices:

**** SECTION 14 - TRANSPORT INFORMATION ****

Transportation Information:
DOT SHIPPING NAME: N.A.

HAZARD CLASS OR DIVISION: NONE.

CARTON MARKINGS: NONE.

IDENTIFICATION NUMBER: NONE

PACKING GROUP: NONE

Label Information:

**** SECTION 15 - REGULATORY INFORMATION ****

Regulatory Information:
TSCA STATUS: ALL COMPONENTS ARE EITHER LISTED OR ARE EXEMPT FROM LISTING ON THE TSCA LIST.

CANADIAN WHMIS CLASSIFICATION: N.D.

SARA TITLE III:

HAZARD CATEGORIES:
ACUTE HEALTH: YES
CHRONIC HEALTH: YES
FIRE HAZARD: NO
PRESSURE HAZARD: NO

REPORTABLE INGREDIENTS:
SECTION 302/303: NONE.
SECTION 313: NONE.

CERCLA RQ: LEAD IS SUBJECT TO RELEASE REPORTING UNDER SECTION 313 OF SARA TITLE III. REPORTABLE QUANTITY IS 1 LB. RELEASES TO AIR, LAND OR WATER WHICH EXCEED THE RQ MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER AT (800) 424-8802.

CALIFORNIA PROPOSITION 65: WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.

**** SECTION 16 - ADDITIONAL INFORMATION ****

Additional Information:
N.A.=NOT APPLICABLE
N.D.=NOT DETERMINED
N.E.=NOT ESTABLISHED

REVISION SUMMARY: PREPARED SEPTEMBER 18, 2000.

THE END