



MetalTec 2300SS

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 05/01/2016 Date of issue: 09/29/2016

Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: MetalTec 2300SS

Intended Use of the Product

Urethane protective coating. For professional use only.

Name, Address, and Telephone of the Responsible Party

Manufacturer

Postle Industries, Inc.
5500 West 164th Street
Cleveland, OH 44142
T-216-265-9000
F-216-265-9030
www.postle.com

Emergency Telephone Number

T-216-265-9000

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Flamm. Liq. 3 H226
Flamm Sol. 1 H228
Asp. Haz. 1 H304
Skin Irrit. 2 H315
Skin Sens. 1 H317
Eye Dam. 2A H319
Acute Tox. H332
Resp. Sens. 1 H334
STOT SE 3 H335
Carc. 1 H351
STOT RE 1 H372
STOT RE 2 H373
Acute Aqua. 1 H400
Acute Aqua. 2 H401
Chron. Aqua. 1 H410
Chron. Aqua. H412

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)

:



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: H226 - Flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation

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H332 - Harmful if inhaled
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 - May cause respiratory irritation
H372 - Causes damage to organs through prolonged or repeated exposure by route of exposure if conclusively proven that no other route applies
H373 - May cause damage to organs through prolonged or repeated exposure by route of exposure if conclusively proven that no other route applies
H400 - Very toxic to aquatic life
H401 - Toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects
H412 - harmful to aquatic life with long lasting effects

Precautionary Statements (GHS-US) : P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting/ equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P285 - In case of inadequate ventilation wear respiratory protection.
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+352 - IF ON SKIN: Wash with soap and water.
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P304 + P341 - IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P314 - Get Medical advice/attention if you feel unwell.
P321 - Specific treatment (see supplemental instructions on the administration of antidotes on this SDS).
P331 - Do NOT induce vomiting.
P332+313 - If skin irritation occurs: Get medical advice/attention.
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P342+311 - If experiencing respiratory symptoms, Call a POISON CENTER or doctor/physician.
P362 - Take off contaminated clothing and wash before reuse.
P363 - Wash contaminated clothing before reuse.
P370 + P378 - In case of fire: Use Section 5 for extinction.
P391 - Collect spillage.
P403+233 - Store in a well ventilated place. Keep container tightly closed.
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents and container in accordance with existing federal, state, and local

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environmental control laws

Other Hazards

Other Hazards Not Contributing to the Classification: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product identifier	% (w/w)	CALSSIFICATION (GHS-US)
4,4'-Methylenediphenyl diisocyanate	(CAS No) 101-68-8	2-8	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 2A, H319 Acute Tox. Inhal. 4, H332 Resp. Sens. 1, H334 STOT SE 3, H335 Carc. 2, H351 STOT RE 2, H373
Trimethylbenzene	(CAS No) 2551-13-7	5-15	
Nickel	(CAS No) 7440-02-0	1-5	Flamm. Solids 2, H228 Skin Sens. 1, H317 Carc. 2, H351 STOT RE 2, H372 Acute Aqua. 1, H400 Chron. Aqua. 1, H410
Chromium	(CAS No) 7440-47-3	2-8	
Xylene	(CAS No) 1330-20-7	1-5	Flamm. Liq. 3, H226 Asp. Haz. 1, H304 Skin Irrit. 1, H315 Eye Dam. 2A, H319 Acute Tox. Inhal. 4, H332 STOT SE 3, H335 STOT RE 2, H373 Acute Aqua. 2, H401 Chron. Aqua. 3, H412
Polyisocyanate Prepolymer		20-50	
Wetting Agents & Fillers		5-10	

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Inhalation: Remove to fresh air. Administer oxygen or artificial respiration as needed. Obtain medical attention. Asthmatic-type symptoms may develop and may be immediate or delayed up to several hours. Consult a physician should this occur.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with water and soap. Wash contaminated clothing before reuse. Seek medical attention if irritation develops or persists.

Eye Contact: Flush with copious amounts of lukewarm water for a minimum of 30 minutes, while lifting eyelids. Contact eye physician for immediate follow up.

Ingestion: Do not induce vomiting. Give 1 to 2 cups of milk or water to drink. Do not give anything by mouth to an unconscious or convulsing person. Consult a physician.

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SECTION 5: FIRE-FIGHTING MEASURES

Flammability: LFL: 1.0% UFL: 6.6%

Flash Point: 174°F (79°C) (TCC)

Extinguishing Media: CO2, dry chemical, chemical foam

Special Fire Fighting Procedures: Self-contained breathing apparatus should be made available to firefighters. Keep containers cool.

Unusual Fire & Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation to ignition sources.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spills or Leaks: Absorb with inert material, transfer to closed containers.

Waste Disposal: Dispose of in accordance with federal, state and local regulations.

Reference to Other Sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: HANDLING AND STORAGE

Handling & Storage Precautions:

Avoid breathing vapors. Store in dry area. Wear protective clothing including chemical gloves and splash goggles. Wash hands before eating, drinking, smoking or using toilet facilities. Use with adequate ventilation. Avoid contamination with water.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand Protection: Chemical resistant gloves.

Eye Protection: Chemical goggles or safety glasses with side shields. Contact lenses should not be worn.

Skin Protection: Wear clothing with long sleeve shirts to cover skin.

Respiratory Protection: Generally, respiratory protection is unnecessary provided there is adequate ventilation. Otherwise, use a cartridge mask. NIOSH approved for organic vapors is recommended. Avoid breathing vapors.

Ventilation: Use good general mechanical ventilation and local exhaust. Avoid breathing vapors and dusts.

Handling Precautions: Avoid breathing vapors. Store in dry area. Wear protective clothing including chemical gloves and splash goggles. Wash hands before eating, drinking, smoking or using toilet facilities. Use with adequate ventilation. Avoid contamination with water.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Boiling Point	N.A.
Melting Point	N.A.
% Volatiles by weight	31.24
Vapor Pressure (mm Hg)	9.0 at 81°F(27°C)
Vapor Density (Air=1)	Heavier than air
Solubility in water	Negligible
Specific Gravity (Water=1)	1.3
Evaporation Rate(Butyl Acetate=1)	Slower than ether
Appearance and Odor:	Gray liquid, solvent odor

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions

Conditions to Avoid: Avoid contact with water.

Materials to Avoid: Oxidizing agents, acids, bases, aliphatic amines, halogenated organic compounds.

Hazardous Decomposition: NO, CO, CO2, HCN, oxides of silicon and phosphorus

Hazardous Polymerization: Will not occur.

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SECTION 11: TOXICOLOGICAL INFORMATION

Not Available.

SECTION 12: ECOLOGICAL INFORMATION

Not Available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Waste disposal should be in accordance with existing federal, state and local environmental control laws. Incineration is the preferred method.

Empty Container Precautions:

Empty containers retain product residue; observe all precautions for product. Do not heat or cut empty container with electric or gas torch because highly toxic vapors and gases are formed. Do not reuse without thorough commercial cleaning and reconditioning. If container is to be disposed, ensure all product residues are removed prior to disposal.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name : Paint: Non-regulated for surface transportation (no hazard label required for surface transportation via motor freight).

Hazard Class : 3

Identification Number : UN1263

Label Codes :

Packing Group : III

ERG Number :

14.2 In Accordance with IATA

Proper Shipping Name : Paint

Packing Group : III

Identification Number : UN1263

Hazard Class : 3

Label Codes : 3

ERG Code (IATA) : 3L

SECTION 15: REGULATORY INFORMATION

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372.

Canada

WHIMIS designations for this Product: 83F3R1

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 10/04/2016

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

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This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.

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