



RUSTBASE

PAINT OVER RUST

Safety Data Sheet (02.02.22)

SECTION 1: Identification of the substance

1.1 PRODUCT IDENTIFIER: RUST BASE: GHS PRODUCT IDENTIFIER: Global Harmonized System #3208.90.0000

1.2 PRODUCT USE: Corrosion coating protection for steel and concrete surfaces

1.3 COATABLE LLC: 916 W. Burbank Blvd, Unit C-279, Burbank CA 91506

1.4 EMERGENCY TELEPHONE NUMBER: 800-424-9300; 202/483-7616

SECTION 2: Hazard identification

2.1 Classification of the substance: This products is a flammable, solvent-based coating and should be treated according to all known safety precautions.

2.2 Label elements: Signal Word: WARNING

Hazard Symbol



Hazard Statement: Flammable liquid and vapor. Harmful in contact with skin. May cause cancer. Causes eye irritation. May cause respiratory irritation or damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.

SECTION 3: Composition/information on ingredients

INGREDIENT COMPOSITIONS	%	CAS/PIN	TLV
Aromatic 100	8.3%	64742-95-6	50.00
Aromatic 150	20.0%	64742-94-5	25.00
Mineral spirits	8.12%	64742-47-8	100.00
4,4 Methylene Bis (Phenyl Iso) Diphenylmethane	0.64%	26447-40-5	Not established
4,4 MDI, Bis (4-isocyanatopheny methane) Polyiso	34.97%	Proprietary	Not established
4,4 Diphenylmethane Diiso	10.12%	101-68-8	.002-ceiling (.051 mg/m3)
Metallic paste	17.85%	7429-90-5	Not established

SECTION 4: First aid measures

4.1 Description of first aid measures

INHALATION: Remove to fresh air. Give oxygen if required. Seek medical help, if needed.

EYES: Flush w/water for at least 15 minutes; see physician.

SKIN: Remove contaminated clothing; wash affected areas w/mild soap & water.

INGESTION: Do not induce vomiting. Give 1-2 glasses milk or water. Seek medical attention according to amount of product ingested.



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SECTION 5: Firefighting measures

5.1 Extinguishing media: Foam, dry chemical, carbon dioxide; water fog to cool containers exposed to heat.

5.2 Special hazards arising from the substance or mixture:

Hazardous combustion products: Carbon monoxide, isocyanate-based fume

Autoignition Temperature.: 214C. degrees Minimum ignitions energy: 6.1%

Flash point: 44C. TCC Flammable limits: (Lower) 1.4% / (Upper) NAV%

Sensitivity to static discharge? Yes

Sensitivity to mechanical impact? Possible due to aluminum content

Conditions of flammability: Spraying/activities that create fine mist

5.3 Advice for firefighters: Firefighters should wear full-body protection & SCBA

SECTION 6: Accidental Release Measures

6.1 Personal precautions: Use protective clothing; use non-sparking tools. Product may form flammable vapour-air mixture so take measures against build up of static discharge.

6.2 Methods of cleanup: Use kitty litter or similar absorbent to contain spill. Neutralize w/solution of 80% water/20% Tergitol TMN-10.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling: Ground all containers; use non-sparking tools. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage: Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition. Keep away from children.

NAP = Not Applicable

NAV = Not Available

SECTION 8: Exposure Controls and Personal Protection

8.1 Control parameters: To be worn when spraying or within contained areas--Half-face respirator w/organic vapor filter, safety glasses w/shields, PVA or nitrile chemical-resistant gloves, skin protection; for all other applications, good judgement should be used.

ENGINEERING CONTROLS: To spray, mechanical exhaust ventilation is required.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

PHYSICAL STATE: Liquid **SOLUBILITY IN WATER:** Insoluble **pH:** NAP

APPEARANCE AND ODOR: Silver grey liquid, aromatic odor **FREEZING POINT:** NAP

BOILING POINT: >150C. deg. **SPECIFIC GRAVITY:** 1.1 **ODOR THRESHOLD:** 0.4ppm

COEFF. WATER/OIL: NAV **EVAPORATION RATE:** very slow% **VOLATILES:** 45

VAPOUR DENSITY (Air=1): NAV **VAPOUR PRESSURE:** 8mmHg@20C. deg. **CORROSIVE:** NO



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SECTION 10: Stability and Reactivity

10.1 Conditions of Reactivity: dry aluminum powder

10.2 Conditions of Instability: Impact, heat and friction

10.3 Possibility of hazardous reactions: None known.

10.4 Conditions to avoid: None known.

10.5 Incompatible materials: Ammonium nitrate chlorofluoro carbons, chlorinated solvents, zinc rich greater than or equal to 8.2 kilo of organic zinc per gallon, strong bases, peroxides, amines

10.6 Hazardous decomposition products: Hydrogen gas, reactive chlorides when wet. ABS tested non-toxic when burned.

SECTION 11: Toxicology Information

11.1 Information on toxicological effects:

Acute toxicity - oral: If swallowed: HARMFUL OR FATAL - Causes chemical burns of mouth and stomach; corrosive to gastrointestinal tract; Paleness and cyanosis of the face; Excessive fluid in the mouth and nose; Bloating of stomach and belching; Nausea and vomiting; Risk of chemical pneumonitis and pulmonary edema

Acute toxicity - inhalation: Vapors or mist can cause irritation. People with asthma or lung problems may be more affected; smokers.

Acute toxicity - dermal: May cause TEMPORARY skin discoloration and irritation. May cause severe eye damage. Health effects to over exposure to CONCENTRATE: Corrosive to mucus membranes, eyes and skin. The seriousness of the lesions and the prognosis of intoxication depend directly upon the concentration and duration of exposure.

SECTION 12: Ecological Information

12.1 Toxicity

Air: 3.17 lbs./gallon; 380 grams/liter VOC*

Water: Insoluble in water; reacts slowly w/water forming polyurea polymer and liberating CO2 gas

Soil: Lead- and chromate-free, not hazardous under RCRA 40CFR

SECTION 13: Disposal Consideration

13.1 Waste treatment methods: Dispose of as paint/aluminum waste according to local regulations.

SECTION 14: Transport Information

14.1 UN number: 1263

14.2 UN proper shipping name: Paint Related Material

14.3 Transport hazard class: Class 3

14.4 Packing Group: III

Product is considered hazardous material, to be handled according to IATA regulations

SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance: No listed materials under Superfund Amendments & Reauthorization Act of 1988 (SARA) 302, 304, 311, 312. Meets European codes under Article 59(10) of the Reach regulation. California Proposition 65 Reproductive Toxins: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

SECTION 16: Other Information

*Product is compliant with many national and local VOC content regulations. However, because manufacturer is not familiar with all local VOC requirements, the user is responsible for understanding the local VOC rules and for verifying that the product selections meet the most current VOC requirements of the area in which the products are to be used.

PREPARED BY: Coatable, LLC

DATE: 10/24/21