******MATERIAL SAFETY DATA SHEET*****

For Coatings, Resins and Related Materials



SECTION I

MANUFACTURER: RUST-OLEUM CORPORATION

ADDRESS:

11 Hawthorn Parkway

EMERGENCY AND INFORMATION TELEPHONE: (708)367-7700

Vernon Hills, IL

60061

PRODUCT CLASS:

Aerosol

MANUFACTURERS CODE: 2102

TRADE NAME:

MARCHAR HAND HAY Industrial Coatings

DATE OF PREPARATION: September 21, 1995 (dlc)

SECTION II-HAZARDOUS INGREDIENTS

EXPOSURE LIMITS

INGREDIENT/CAS No	WT %	ACGIH-TLV	OSHA-PEL	LEL	mm Hg@20C
2-Propanone/67-64-1	10%*	750 ppm	1000ppm	2.6%	185.5
Toluene/108-88-3	65**	100ppm	100ppm	1.2%	22.0 0
Aromatic Hydrocarbon/64742-95-6	10%*	NE	100ppm	1.0%	4.0
Propellant/68476-85-7 (propane, butane, isobutane)	30%*	800ppm	1000ppm	1.8%	85psia

* Nearest 5%

NE-not established NA-not applicable

SECTION III-PHYSICAL DATA

Boiling range: Below 0 F

(Ether=1)

Vapor density: Heavier than air

Evaporation Rate: Slower

% Volatile: NA

Wt/gal: NA

(by volume)

pH: NA

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flammability Classification: Extremely

Flashpoint:

<0 F (TCC)

Flammable

DOT Classification: Consumer Commodity ORM-D

Extinguishing Media: NFPA Class B extinguishers (Carbon dioxide, dry chemical

or foam)

Special Fire Fighting Procedures:

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion. If water is used, fog nozzles are preferred.

Unusual Fire and Explosion Hazards: Keep away from heat, sparks, flames, or other sources of ignition (d.g., static electricity, pilot lights, mechanical/ electrical equipment). DO NOT apply to hot surfaces.

SECTION V-HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

<u>Acute(Inhalation):</u> Harmful if inhaled. May affect the brain or nervous system causing dizziness, headache or nausea. Repeated overexposures may progressively lead to staggering gait, confusion, unconsciousness or coma. Causes nose and throat irritation.

Acute(Skin or Eye Contact): Causes eye and skin irritation which can lead to dermatitis with repeated overexposures.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Chronic: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Overexposure to Toluene in lab animals has been associated liver abnormalities, kidney, lung, spleen and eye damage as well as anemia. Effects in humans have included liver and cardiac abnormalities.

EMERGENCY AND FIRST AID PROCEDURES:

<u>Inhalation:</u> Remove from exposure, restore breathing and notify a physician.

Eye Contact: Flush immediately with large amounts of water for at least 15 minutes. Notify a physician.

<u>Skin Contact:</u> Wash affected area with soap and water, remove contaminated clothing and wash before reuse.

<u>Ingestion:</u> DO NOT induce vomiting. Keep person warm, quiet and get medical attention. Aspiration of this material into the lungs can cause chemical pneumonitis which can be fatal.

SECTION VI-REACTIVITY DATA

Stability: Stable Incompatible: with strong oxidizing agents Hazardous Decomposition Products: By open flame- Carbon monoxide and Carbon dioxide.

Hazardous Polymerization: Will Not Occur

SECTION VII-SPILL OR LEAK PROCEDURES

Release or Spill Procedures: Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools.

<u>Waste Disposal Method:</u> Dispose of according to local, state and federal regulations. DO NOT incinerate closed containers.

SECTION VIII-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use NIOSH approved chemical cartridge respirator (TC23C) to remove solid airborne particles of overspray and organic vapors during spray application. In Confined Areas: Use NIOSH approved supplied-air respirators or hoods (TC19C).

Eye Protection: Use safety eyewear designed to protect against splash of liquids. Other Protective Equipment: Use gloves to prevent prolonged contact with skin. Ventilation: Provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits.

SECTION IX-SPECIAL PRECAUTIONS

Handling and Storage Precautions: Do not store above 120 F. DO NOT puncture. Other Precautions: Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

CALIFORNIA PROPOSITION 65 WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.