

M A T E R I A L S A F E T Y D A T A S H E E T

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PRODUCT NAME: **CORDOVAN STAIN**
 PRODUCT CODE: **C14244, C14241**
 DOT CLASS: **PAINT,3,UN1263,PGIII,LIMITED QUANTITY**

HMIS CODES: **H F R P**
2*3 0 X

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: **Glitsa American**
 ADDRESS: **327 S Kenyon, Seattle WA 98108**
 EMERGENCY PHONE: **Call Chemtrec 1-800-424-9300 (spill, leak, fire, accident)**
 INFORMATION PHONE: **206-763-2855**
 NAME OF PREPARER: **Rudd Company, Inc.**

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT
		mm Hg @ TEMP		PERCENT
STODDARD SOLVENT, MINERAL SPIRITS ACGIH TLV: 100 ppm OSHA PEL: 500 ppm Other: 525 mg/m3	8052-41-3	2	68	36
AROMATIC PETROLEUM DISTILLATES ACGIH TLV: 100 ppm OSHA PEL: 500 ppm Other: 100 ppm	64742-94-5	5	100	17
PROPYLENE GLYCOL MONOMETHYL ETHER ACGIH TLV: 100 ppm OSHA PEL: Not Est. Other: 150 ppm STEL	107-98-2	13	77	10
* XYLENE ACGIH TLV: 100 ppm OSHA PEL: 100 ppm Other: 150 ppm STEL	1330-20-7	25	77	8
NAPHTHA ACGIH TLV: 400 ppm OSHA PEL: 100 ppm. Other: 1590 mg/m3	8030-30-6	13	77	2
* ETHYL BENZENE ACGIH TLV: 100 ppm OSHA PEL: 100 ppm Other: 434 mg/m3	100-41-4	10	77	1.97
MANGANESE DIOXIDE ACGIH TLV: 0.2 mg/m3 OSHA PEL: 5 mg/m3 (C)	1313-13-9			2
* NAPHTHALENE ACGIH TLV: 10 ppm OSHA PEL: 10 ppm Other: 52 mg/m3	91-20-3			1.84
* ALUMINUM OXIDE ACGIH TLV: 10 mg/M3 OSHA PEL: 5 mg/m3 (as Al) Other: (resp. dust)	1344-28-1			2
SILICA, CRYSTALLINE-QUARTZ ACGIH TLV: .025 mg/m3 OSHA PEL: .05 mg/m3 Other: (resp. dust)	14808-60-7			.51
CARBON BLACK ACGIH TLV: 3.5 mg/m3 OSHA PEL: 3.5 mg/m3	1333-86-4			.34

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: **248 - 424**
 DENSITY: **8.01 lb/gl**
 V.O.C.: **6.32 lb/gl 759 g/l (less water and exempt solvents)**
6.32 lb/gl 759 g/l (Emitted VOC)
 SOLIDS % BY WEIGHT: **21.**
 VAPOR DENSITY: **Heavier than air.**
 EVAPORATION RATE: **Moderate (compared to n-butyl acetate)**
 SOLUBILITY IN WATER: **Moderate**
 APPEARANCE AND ODOR: **Colored or opaque liquid, solvent odor.**

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 84 Deg. F METHOD USED: P-Marten

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9 UPPER: 13.8

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES:

Evacuate all unnecessary personnel. Use full protective equipment, including self-contained breathing apparatus. Use water spray, preferably fog, to cool closed containers to prevent pressure build-up and possible explosion. Direct water stream is not recommended for oil base fires. Product may float and reignite on surface of water. Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams or waterways.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Explosive air-vapor mixtures may form which are dangerous when exposed to heat or flame. Vapors are heavier than air and may travel along the ground, or be moved by ventilation, and ignited by pilot lights, stoves, heaters, electric motors, sparks, flame, smoking, static discharge or other ignition sources even at locations distant from material handling site if inadequately ventilated. Free falling streams of liquid may cause static electricity build-up and create fire hazard.

===== **SECTION V - REACTIVITY DATA** =====

STABILITY:

Stable

CONDITIONS TO AVOID:

High temperature and humidity, ignition sources and vapor build-up.

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong Oxidizing agents Acids Sulfuric Acid Halogenated Hydrocarbons Nitric Acid Manganese Trioxide Trifluoride

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Carbon Monoxide Carbon Dioxide Hydrocarbons Ammonia Fumes Acrid Fumes Other Organic Compounds Silicon
Tetrafluoride Phosphorous Compounds

HAZARDOUS POLYMERIZATION:

Will not occur.

=== **SECTION VI - HEALTH HAZARD DATA AND SYMPTOMS OF UNPROTECTED EXPOSURE** ===

PRIMARY ROUTE(S) OF EXPOSURE: Inhalation, skin contact, ingestion.

INHALATION:

Vapors and mists may irritate nose, throat and lungs (burning, stinging, coughing). May cause headache, dizziness, nausea, weakness, shortness of breath and loss of coordination. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Exposure to extremely high vapor concentrations may cause unconsciousness and asphyxiation. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if vapor concentrations are above applicable limits, wear a NIOSH approved respirator with functioning organic vapor cartridges and provide adequate ventilation at the jobsite during and after application.

EYE CONTACT:

Contact with dusts and particles causes irritation (redness, watering, itching, stinging, blurred vision). Contact with liquid or vapors causes severe irritation (redness, watering, itching, stinging, blurred vision) and possible cornea damage.

SKIN CONTACT:

May cause sensitization and allergic skin reaction (contact dermatitis). Contact may cause severe irritation (dryness, itching, cracking, rash and swelling) and possible burns.

SKIN ABSORPTION:

May be absorbed through the skin in harmful amounts. Symptoms may include headache, dizziness, nausea, weakness, loss of coordination.

SWALLOWING:

May be harmful or fatal. Causes nausea, vomiting, diarrhea and severe central nervous system depression (headache, dizziness, nausea, loss of coordination).

Aspiration into the lungs may occur during ingestion or vomiting, resulting in lung injury.

CHRONIC EFFECTS FROM LONG TERM UNPROTECTED EXPOSURE:

Contains ingredients suspected of causing or known to cause damage to: kidneys, liver, spleen, lungs, eyes, heart, brain and nervous system, dermatitis or other skin disorders, Always wear appropriate respiratory, eye and skin protection during use. Ventilate well during and after application.

This product contains a form of Crystalline Silica. Long-term exposure to high levels of Crystalline Silica dusts may result in silicosis, a disabling lung disease. Always wear appropriate respiratory protection when exposed to sanding or grinding dusts.

The following statement is required by California Proposition 65 (Safe Drinking Water and Toxic Reform Act of 1986). Warning! This product contains a chemical known to the state of California to cause cancer.

CARCINOGEN:

Crystalline Silicas are classified by IARC as potential human carcinogens. Inhalation of Crystalline Silica dusts may cause lung tumors. Ethylbenzene is classified as a potential human carcinogen based on laboratory animal studies. Risk of cancer depends on level and duration of exposure.

NTP CARCINOGEN: Yes IARC MONOGRAPHS: Yes OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY UNPROTECTED EXPOSURE:

Respiratory tract irritation, nausea, eye disorders, skin disorders, sensitization to chemical substances.

===== **SECTION VII - EMERGENCY AND FIRST AID PROCEDURES** =====

INHALATION:

Remove from exposure to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get medical attention immediately.

EYE CONTACT:

Immediately flush with plenty of water for 15 minutes, while lifting upper and lower eyelids. Get medical attention.

SKIN CONTACT:

Immediately wash with soap and water. Remove contaminated clothing and shoes. Wash or clean thoroughly before reuse. Get medical attention if irritation persists.

SWALLOWING:

DO NOT induce vomiting. Call Poison Control Center (1-800-222-1222) or physician immediately. Note: Aspiration of solvents may result in chemical pneumonia.

OTHER:

Have Material Safety Data Sheet available when calling Poison Control Center (1-800-222-1222) or physician; or when going to the emergency room.

===== **SECTION VIII - SAFE HANDLING AND USE INFORMATION** =====

RESPIRATORY PROTECTION:

Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's instructions for use.

VENTILATION:

USE ONLY WITH ADEQUATE VENTILATION. Provide the maximum ventilation jobsite conditions allow (including fans, open doors, windows or other appropriate means of ventilation), to prevent vapor build-up.

HAND PROTECTION:

Wear impermeable gloves to prevent skin contact. Consult safety equipment supplier for specific recommendations of construction materials.

EYE PROTECTION:

Wear chemical goggles designed to protect eyes against vapors, liquid splash and mists unless full facepiece respirator is worn. Note: Contact lenses may contribute to the severity of an eye injury and should not be worn when working with chemicals.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

