

# MATERIAL SAFETY DATA SHEET

## SECTION I – COMPANY AND PRODUCT IDENTIFICATION

**TRADE NAME:** Structures Wood Care® NatureColor® Recoater

**PRODUCT CODES:** RC101, RC102, RC103, RC104, RC105, RC106, RC107, RC108

**SUPPLIER:** STRUCTURES WOOD CARE, INC.  
24530 HAZELWOOD DR.  
PO BOX 599  
NISSWA, MN 56468

**INFORMATION:** 866-963-4680  
**FAX:** 866-963-4689  
**CHEMTREC (24 hr):** 800-424-9300

**HAZARD RATING:** Health: 2\* Fire: 1 Reactivity: 0 PPI:

**PREPARATION DATE:** July 19, 2007

**SUPERCEDES:** January 25, 2005

## SECTION II – HAZARDOUS INGREDIENTS INFORMATION

<u>HAZARDOUS INGREDIENTS</u>	<u>CAS NUMBER</u>	<u>%(WT)</u>
SOLVENT NAPHTHA	64742-48-9	50-75

ACGIH TLV: 100ppm TWA

WARNING MESSAGE:

1. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse deliberately concentrating and inhaling the contents may be harmful or fatal. Chronic exposure may cause damage to the central nervous system, respiratory system, lung, eye, skin, liver, gastrointestinal tract, spleen, kidneys, and blood.
2. See section IX for reportable Hazardous Air Pollutants.

## SECTION III – PHYSICAL DATA

**BOILING POINT/RANGE:** 315 °F – 385 °F  
**VAPOR PRESSURE RANGE (mmHg):** 2.7 mm@20 °C  
**EVAPORATION RATE:** Slower than ether  
**VAPOR DENSITY:** Heavier than air  
**WEIGHT PER GALLON:** 7.52 lbs.  
**% VOLATILE BY VOLUME:** 62.89%  
**VOC MAX LBS/GAL & GRMS/LTR:** Range of 3.97/475.6 to 4.10/491.34 dependent on color

## SECTION IV – FIRE AND EXPLOSION HAZARD INFORMATION

**OSHA FLAMMABILITY CLASS:** II  
**FLASH POINT:** 102. °F ( 39 °C )  
Seta flash  
**HAZARD CLASSIFICATION:** Combustible Liquid

**FIRE EXTINGUISHING MEDIA:** Dry Chemical, foam, carbon dioxide.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from heat, sparks, flame, and other sources of ignition. Keep containers closed when not in use. Closed containers may burst when exposed to extreme heat or fire. Toxic gases may form when product is exposed to extreme heat. Product may decompose under fire.

**SECTION IV – FIRE AND EXPLOSION HAZARD INFORMATION (cont.)**

**FIRE FIGHTING PROCEDURES:** Water may be used to cool and protect exposed containers. Use self-contained breathing apparatus. Water may be ineffective in extinguishing a paint fire. Stream of water may spread the flame. If water is used, fog nozzles are preferable.

**HAZARDOUS DECOMPOSITION OR COMBUSTION PRODUCTS:** Carbon monoxide, carbon dioxide, oxides of nitrogen, acrid fumes, phosphorous, oxygen, toxic gases.

**SECTION V – HEALTH HAZARDS INFORMATION**

**INHALATION:** If affected, remove to fresh air. If breathing stops, give artificial respiration. Administer oxygen if available. Get immediate medical assistance.

**SKIN CONTACT:** Flush immediately with plenty of water followed by washing with soap and water. Remove contaminated clothing. Wash contaminated clothing before reuse. If irritation occurs, consult a physician.

**EYE CONTACT:** Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical assistance.

**INGESTION:** If swallowed, do not induce vomiting. Drink two glasses of water to dilute. Obtain medical assistance immediately.

**PRIMARY ROUTE(S) OF EXPOSURE:** Inhalation, skin contact, eye contact, ingestion, depending on conditions of use. To minimize exposure, follow recommendations for proper use, handling, ventilation, and personal protective equipment.

**EFFECTS OF OVEREXPOSURE:**

**INHALATION:** Irritation of respiratory tract. Prolonged inhalation may lead to loss of appetite, mucous membrane irritation, fatigue, drowsiness, dizziness and/or lightheadedness, headache, loss of coordination, nausea, vomiting, chest pain, coughing, nervous system depression, intoxication, confusion, anesthetic effect or narcosis, difficulty of breathing, allergic response, asthmatic reaction, tremors, severe lung irritation or damage, liver damage, kidney damage, pulmonary edema, convulsions, pneumoconiosis, loss of consciousness, asphyxiation, death. Possible sensitization to respiratory tract. Sanding dust inhalation may cause lung damage.

**SKIN CONTACT:** Irritation of skin. Prolonged or repeated contact can cause dermatitis, defatting. Skin contact may result in dermal absorption of component(s) of this product which may cause drowsiness, dizziness and/or lightheadedness, headache, loss of coordination, nausea, blurred vision, central nervous system depression, confusion, tremors, and convulsions.

**EYE CONTACT:** Irritation of eyes. Prolonged or repeated contact can cause conjunctivitis, blurred vision, tearing of eyes, redness of eyes.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** None generally expected when recommendations for proper use, handling, ventilation, and personal protective equipment are followed.

**SECTION VI – STABILITY & REACTIVITY INFORMATION**

**STABILITY:** This product is stable

**HAZARDOUS POLYMERIZATION:** Hazardous polymerization will not occur.

**MATERIALS TO AVOID:** Oxidizers, acids, hypochlorites, mineral acids, nitrates, hydrazine per formic acid bromine pentafluoride, bases.

**CONDITIONS TO AVOID:** Elevated temperatures, contact with oxidizing agent, sparks, open flame, ignition sources.

**SECTION VII – ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate all sources of ignition. Ventilate area. Avoid breathing vapors. Use appropriate personal protective equipment. Use self-contained breathing apparatus if necessary. Contain spill and remove with inert absorbent. Use non-sparking tools. Use proper containers. Prevent material from entering sewers, natural ways, or soil.

**WASTE DISPOSAL:** Dispose in accordance with all applicable local, county, state, and federal regulations. Do not incinerate closed containers. If necessary, use only a licensed disposal firm/facility.

**SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**GENERAL PRECAUTIONS TO BE TAKEN IN USE:**

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

Products may contain substances classified as nuisance particulates that may be at hazardous levels only during sanding or abrading of the dried film.

**RESPIRATORY PROTECTION:** If personal exposure cannot be controlled below applicable limits by ventilation, wear an appropriate properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA (Canadian z94.4).

When sanding or abrading a dried film, wear a dust/mist respirator approved by NIOSH/MSHA (Canadian z94.4) for dust which may be generated from this product, the underlying product, or the abrasive.

**VENTILATION:** Provide dilution ventilation or local exhaust to maintain the level of vapors and dust below the applicable limits. Use only non-sparking explosion-proof equipment. Discharge exhaust only in area away from ignition sources.

**PERSONAL PROTECTIVE EQUIPMENT:** Splash goggles or safety glasses with side shields, impervious gloves, impervious clothing, and chemical resistant boots for spill clean up.

**HYGIENIC PRACTICES:** Wash clothing before reuse. Wash hands before eating, smoking or using washroom.

**HMS:**

**RATINGS:** Ratings are only suggested. The contractor/employer has the ultimate responsibility to evaluate the hazard that this product represents in the environment in which it is used.

**RATING SYSTEM:** 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe, \*=Chronic effects.

**PERSONAL PROTECTIVE EQUIPMENT:** This code is left blank. It should be entered by the contractor/employer who is familiar with the actual conditions under which this product is ultimately used.

**SECTION IX – HANDLING & STORAGE/SPECIAL PRECAUTIONS**

**HANDLING AND STORAGE:** Store in a cool, dry and well-ventilated area. Keep away from heat, sparks and open flame. Keep from freezing, Keep containers tightly closed and upright when not in use. Do not puncture nor re-use containers. Transfer only to approved containers with complete and appropriate labeling. Containers should be grounded when pouring.

**OTHER PRECAUTIONS:** Use only with adequate ventilation. Use appropriate respiratory protection. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes. Avoid breathing of vapors, spray mist, or sanding dust. Empty containers may contain hazardous residues. Wash hands thoroughly after handling, especially before eating or smoking.

This product contains no reportable Hazardous Air Pollutants.

As of this date of this MSDS, all of the components in this product are listed (or are otherwise exempt from listing) on the TSCA inventory. This MSDS complies with OSHA hazard communication standard 29 CFR 1910.1200.

The above information pertains to the products as currently formulated and is based on the information received from raw material suppliers and other sources. We believe, to the best of our knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and make no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution, the information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and data and to comply with all applicable international, federal, state and local laws and regulations.