OrganiStrip 0901

Industrial Paint Stripper
Technical Data Sheet (TDS)

PRODUCT DESCRIPTION

OrganiStrip 0901 is a low VOC, water-based paint remover that will effectively lift epoxies, urethanes, lead based architectural coatings, and powder coatings. Recommended for use on nearly all substrates including steel, aluminum, concrete, masonry, wood, (lead based paints) or in any area where worker safety or damage to delicate equipment may be a concern. OrganiStrip 0901 contains no TAP's or HAP's, offers easy cleanup with soap and water or denatured alcohol.

FEATURES & BENEFITS

- Water Base, Non Flammable
- Does not affect glass.
- Contains No TAP's or HAP's (Toxic/Hazardous Air Pollutants)
- Easy clean up with soap and water or denatured alcohol
- Non-ozone depleting
- Low odor
- Easily sprayed with standard equipment

RECOMMENDED USAGE

- Storage tanks, Bridges, Petrochem facilities
- Removal of lead based paints
- Pulp & Paper, Food Processing Facilities
- Transportation
- Any area where abrasive blasting is not an option because environmental, economic or surface damage may be of concern.

SAFETY PRECAUTIONS

Proper safety procedures should be followed at all times while handling this product. Read the Material Safety Data sheet carefully before use. Safety precautions in the SDS should be carefully followed during storage, handling and use.

PRODUCT DATA

Viscosity (@77°f / 50% RH):	80-60,000 cps
Appearance	Orange gelled emulsion
Specific Gravity	1.02
Boiling Point	212 °F
Freezing Point	32 °F
pH	2.0 – 3.0
Flash Point	>212 °F
Theoretical Coverage	25 to 90 sq.ft/gal
VOC	397 g/L & 10 g/L (alternate)

DIRECTIONS FOR USE

Test Area:
Always prepare a test area of varying stripper thickness prior to full application. This will indicate the time required for completion, approximate square foot usage and suitability of product for the paint and the substrate.

Masking:
Cover/protect areas where stripping is not desired, including adjoining surfaces where over spray may travel. Plastic (polyethylene) sheets make a very effective barrier. If using masking tape, apply two layers of tape and remove the top layer immediately after application as the remover may soak through the tape, damaging paint under it. Spray all plants and vegetation liberally with water before and after application. Cover delicate vegetation to avoid damage.

Mixing:
If on visual examination, water appears to have separated out of OrganiStrip 901, thoroughly mix the stripper with a drill until it becomes homogeneous once again, usually 2-5 minutes. DO NOT SHAKE. DO NOT DILUTE.

Equipment and Tools:
OrganiStrip 901 is engineered for airless spray application. Ensure application equipment is free of any previously applied products or chemicals or solvents (especially mineral spirits). Clean with denatured alcohol prior to use. Use only airless equipment with chemical resistant packing, such as a Titan 440i or larger pump. Even the smallest airless sprayer is capable of spraying this product. Equip the sprayer with a tip size of 0.019 inches or larger (Example: a 519 or 425 tip). Other equipment: brushes, rollers, scraper, masking tape, plastic (polyethylene) sheet, pressure washer, electric drill with mixer, empty pails for clean-up, water. Roller application should be used ONLY for horizontal surfaces.

Dwell Time:
The time required for penetration varies according to the type of paint, and the temperature. Most paint systems require 2 to 24 hours. Leave the stripper overnight for best results. Dwell time and stripper thickness required is best determined by test area.

Application:
Apply a thick even layer of stripper onto the coating being removed. An airless sprayer is the most effective means of application. Always start the sprayer pump at the lowest pressure setting and slowly build up the pressure until an adequate fan pattern has been generated. The minimum wet film thickness should be 15 mils (300 microns). The stripper must be applied 1.5 to 2 times thicker than the coating to be removed, e.g. 20 mils of coating requires 28-40 mils of stripper to be removed effectively. High pressure and narrow tip sizes will break the strippers emulsion and will reduce its effectiveness. When trying to build up films thicker than 30 mils (600 microns) it is advisable to build the stripper film in two separate applications. First apply a light coat of approximately 15 mils (thick enough to hide the surface color of coating) allow it to dwell for about 5-30 minutes and then build the rest of the stripper film thickness in the second application. Once applied, leave the stripper alone, as agitation slows down penetration. Brushing and rolling should be avoided because these methods produce lower film build and inconsistent thickness of stripper.

DIRECTIONS FOR USE (CONTINUED)

Re-application:
When there are multiple layers of paint, it is quite likely that there is poor intercoat adhesion between some layers. Premature lifting may occur at this interface. If this happens, remove the lifted layers and reapply the stripper. Do not allow the stripper to dry out. The stripper is designed to remain wet and effective over extended periods of time (up to 48 hours) but excessive sunshine, windy conditions or insufficient stripper thickness can cause early drying. If the stripper starts to dry, reapply a light coating and allow extra time for completion.

Removal and Cleanup:
Removal of lifted paint can be completed by scraper, squeegee, or wet/dry vacuum suction system or by pressure wash. If pressure washing is used, protect all areas that may come in contact with stripper residue and removed paint from pressure washer operations. Pressure wash from the bottom up on vertical surfaces to prevent rinse water from deactivating stripper in section below pressure washing removal operations. The stripped surface must be rinsed with OrganiWash 933 in a 2oz – 4 oz per gallon dilution or denatured alcohol to remove all chemical residues before repainting. Collect lifted paint and dispose of it in accordance with local government regulations. Do not collect and/or store removed paint and stripper waste residue in metal containers. Only use plastic. Clean spray equipment by running water or denatured alcohol through the equipment soon after the spraying has been completed.

Limits on Use:
Surface temperatures should be at 50°F to 95°F (10°C to 35°C) OrganiStrip 901 performs effectively at lower temperature, but the dwell time must be increased. Above 85°F (30°C), product may need to be over applied, re-applied, or covered with plastic to prevent drying during dwell time. OrganiStrip 901 will not strip novalac epoxies.

SHIPPING DATA

Packaging:	1 Gallon, 5 Gallon, 55 Gallon
Shelf Life:	24 Months

SAFETY
For your safety, all required personal protection equipment should be used when operating machinery or handling chemicals. Concrete dust is a source of silica particles and other hazardous materials that can cause silicosis and other illnesses. Proper safety equipment and methods are the responsibility of the installation company, general contractor, and/or facility owner.

WARRANTY
Wolverine Coatings Corporation warrants its products to be free from defects in material and workmanship. Wolverine Coatings Corporation's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at Wolverine Coatings option, to either replacement of products not conforming to this Warranty or credit to the Buyer's account in the invoiced amount of the nonconforming products. Any claim under this warranty must be made by the Buyer to Wolverine Coatings in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the ship date, whichever is earlier. Buyer's failure to notify Wolverine Coatings of such nonconformance as required herein shall bar Buyer from recovery under this warranty.

Wolverine Coatings makes no other warranties about the product. No other warranties, whether expressed, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply.

Any recommendation or suggestion relating to the use of the products made by Wolverine Coatings, whether in its technical literature, or in response to specific inquiry or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for the Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedure of use, or extrapolation of data may cause unsatisfactory results.

LIMITATION OF LIABILITY
Wolverine Coatings Corporation's liability on any claims based upon Wolverine Coatings Corporation's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or parts thereof which give rise to the claim. In no event shall Wolverine Coatings Corporation be liable for consequential or incidental damages.

LITERATURE REVISION - TDS: OrganiStrip 0901 - Rev. 250121
Published literature is subject to change without notice. Wolverine Coatings Corporation is constantly engaged in the testing of existing formulations, the development of new innovative technologies, and the evaluation of the latest practices. The latest literature should always be consulted at www.wolverinecoatings.com.

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