

TNG Worldwide

Product Name: RESTORE-A-DECK STAIN STRIPPER THICKENING GEL ADDITIVE

SECTION 1	PRODUCT AND COMPANY IDENTIFIER
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**PRODUCT IDENTIFIER**

**Product Name** RESTORE-A-DECK STAIN STRIPPER THICKENING GEL ADDITIVE  
**Product Form** Liquid

**RECOMMENDED USE AND RESTRICTIONS ON USE**

Concentrated Thickening Additive

**COMPANY IDENTIFICATION**

**Supplier** RAD OPW LLC  
2388 Franklin Rd  
Bloomfield Hills, MI

**EMERGENCY TELEPHONE NUMBER**

24 Hour Emergency Phone Number (Health &amp; Safety; Transportation) INFOTRAC - (800) 535-5053

SECTION 2	HAZARDS IDENTIFICATION
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**GHS CLASSIFICATION**

Product has not been tested as a whole to determine its GHS classification. Hazard categories are based on individual ingredient hazard categories. Refer Section 16 for additional GHS Phrases.

HAZARD CLASS	HAZARD CATEGORY
Eye damage/eye irritation	2

**GHS LABEL ELEMENTS**

Pictogram



GHS Signal Word

WARNING

**GHS Hazard Phrases**

Causes serious eye irritation.

**GHS Precaution Phrases**

Wear protective gloves/ protective clothing/ eye protection/ face protection.

**GHS Response Phrases**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/ attention.

**GHS Storage and Disposal Phrases**

Keep out of reach of children.  
Store locked up  
Dispose of waste in accordance with local, state and federal legislation.

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**POTENTIAL HEALTH EFFECTS (Acute and Chronic)**

**Chronic:** Product has not been tested as a whole to determine its acute and long-term effects. The product does contain ingredients that potentially may affect from repeated excessive exposures.

**Acute- Inhalation** None expected.

**Acute-Skin Contact** May cause skin irritation.

**Acute-Eye Contact** Causes serious eye irritation.

**Acute-Ingestion** May cause gastrointestinal irritation.

SECTION 3	COMPOSITION / INFORMATION INGREDIENTS
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Chemical Name	Cas Number	Percentage Range
2-Ethyl Hexanol EO-PO Nonionic Surfactant	64366-70-7	55 – 65

SECTION 4	FIRST AID MEASURES
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**IN CASE OF INHALATION**

Move person to fresh air; if effects occur, consult a physician.

**IN CASE OF SKIN CONTACT**

Wash skin with plenty of water.

**IN CASE OF EYE CONTACT**

Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist. Suitable emergency eye wash facility should be immediately available.

**IN CASE OF INGESTION**

If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

**SIGNS AND SYMPTOMS OF EXPOSURE**

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), no additional symptoms and effects are anticipated.

**NOTE TO PHYSICIAN**

Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Skin contact may aggravate preexisting dermatitis.

SECTION 5	FIRE FIGHTING MEASURES
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<b>Flashpoint</b>	None to boiling
<b>Flashpoint Method</b>	TOC

<b>Explosive Limits</b>	LEL: N/AV UEL: N/AV
<b>Auto Ignition Point</b>	N/D

**SUITABLE EXTINGUISHING MEDIA**

Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function but will be less effective.

**FIRE FIGHTING INSTRUCTIONS**

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Keep people away. Isolate fire and deny unnecessary entry. Burning liquids may be extinguished by dilution with water. Do not use direct water stream. May spread fire. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage.

**Special protective equipment for firefighters:** Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

#### FLAMMABLE PROPERTIES AND HAZARDS

**Hazardous combustion products:** During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.

**Unusual Fire and Explosion Hazards:** Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

SECTION 6	ACCIDENTAL RELEASE MEASURES
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#### SAFETY PRECAUTIONS

Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

#### CONTAINMENT AND CLEANUP

Small spills: Absorb with materials such as: Sand. Vermiculite. Collect in suitable and properly labeled containers. Large spills: Contain spilled material if possible. Pump into suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

SECTION 7	HANDLING AND STORAGE
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#### PRECAUTIONS TO BE TAKEN IN HANDLING

Avoid contact with eyes. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation.

#### PRECAUTIONS TO BE TAKEN IN STORAGE

KEEP FROM FREEZING. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

SECTION 8	EXPOSURE CONTROLS / PERSONAL PROTECTION
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Cas Number	Chemical Name	OSHA TWA	ACGIH TWA
N/A	N/A	N/A	N/A

#### ENGINEERING CONTROLS

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Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

**WORK/HYGIENIC/MAINTENANCE PRACTICES**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing separate from home laundry and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping. Do not store work clothing and protective equipment in the same locker as personal clothing.

**PERSONAL PROTECTIVE EQUIPMENT**

**Respiratory Protection**

Under intended handling conditions, no respiratory protection should be needed.

**Hand Protection**

Use chemical resistant gloves classified under Standard EN374: Protective gloves against chemicals and micro-organisms. Examples of preferred glove barrier materials include: Butyl rubber. Natural rubber ("latex"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyethylene. Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl chloride ("PVC" or "vinyl"). Avoid gloves made of: Polyvinyl alcohol ("PVA"). When prolonged or frequently repeated contact may occur, a glove with a protection class of 4 or higher (breakthrough time greater than 120 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 1 or higher (breakthrough time greater than 10 minutes according to EN 374) is recommended. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove

supplier.

**Eye Protection**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield.

**Skin and Body Protection**

Wear clean, body-covering clothing

**OTHER PROTECTIVE EQUIPMENT** N/A

SECTION 9	PHYSICAL AND CHEMICAL PROPERTIES
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<b>Appearance</b>	Hazy, colorless to pale yellow
<b>Physical State</b>	Thick liquid
<b>Odor</b>	Mild
<b>pH</b>	6.00 – 8.00
<b>Freezing Point</b>	32 °F initial
<b>Boiling Point</b>	212 °F initial

<b>Specific Gravity (water = 1)</b>	1.03 – 1.05
<b>Vapor Pressure</b>	N/D
<b>Evaporation Rate (water = 1)</b>	N/D
<b>Viscosity</b>	N/D
<b>Volatile Organic Compound (%)</b>	0%
<b>Solubility in Water</b>	Miscible

SECTION 10	STABILITY/REACTIVITY
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**Chemical Stability**

**Unstable** [ ] **Stable** [ X ]

**Conditions to Avoid**

Exposure to elevated temperatures can cause product to decompose.

**Reactivity / Incompatibility**

Avoid contact with: Strong acids. Strong oxidizers.

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**Hazardous Decomposition** Decomposition products depend upon temperature, air supply and the presence of other materials.

**Hazardous Reactions** *Will occur* [ ] *Will not occur* [ X ]

SECTION 11	TOXICOLOGICAL INFORMATION
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**CARCINOGENICITY**

Product is not tested for carcinogenicity. No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen, except as identified below;

IARC: N/A      ACGIH: N/A      NTP: N/A

**PRODUCT TOXICOLOGICAL DATA**

Product is not tested for classification under the following categories:

**LD50 (Oral), LC50 (Inhalation), Dermal Toxicity (Skin), Skin Corrosion/Irritation, Serious Eye Damage/Irritation, Respiratory/ Skin Sensitization, Germ Cell Mutagenicity, Carcinogenicity, Reproductive Toxicity, STOT-single exposure, STOR-repeated exposure, Aspiration Hazard**

**INGREDIENT TOXICOLOGICAL DATA**

None of the ingredients above 1% concentration (0.1% for carcinogens) trigger the hazard rating or classify under the following categories, unless indicated below:

**LD50 (Oral), LC50 (Inhalation), Dermal Toxicity (Skin), Skin Corrosion/Irritation, Serious Eye Damage/Irritation, Respiratory/ Skin Sensitization, Germ Cell Mutagenicity, Carcinogenicity, Reproductive Toxicity, STOT-single exposure, STOR-repeated exposure, Aspiration Hazard**

Cas Number	Chemical Name		
64366-70-7	2-Ethyl Hexanol EO-PO Nonionic Surfactant	LD50 Oral (rat)	>2,000 mg/kg
		LD50 Dermal (rat)	>2,000 mg/kg

SECTION 12	ECOLOGICAL INFORMATION
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**General Ecological Information**      N/AV.      **Persistence and Degradability**      N/AV  
**Bioaccumulative Potential**      N/AV.      **Mobility in Soil**      N/AV

**INGREDIENT TOXICOLOGICAL DATA**

Cas Number	Chemical Name		
64366-70-7	2-Ethyl Hexanol EO-PO Nonionic Surfactant	LC50 96 hr. fish	10 - 100 mg/l
		EC50 48 hr. crustacea	72.1 mg/l
		ErC50 72 hr. algae, growth rate inhibition	31.9 – 97.7 mg/l

SECTION 13	DISPOSAL CONSIDERATION
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Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

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Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations.

**Contaminated Packaging** Dispose of as unused product.  
**Empty Containers** Clean empty containers of any residue per 40CFR261.7 guidelines and either recycle containers or dispose of in normal trash.

SECTION 14	TRANSPORT INFORMATION
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	<b>LAND (US DOT)</b>		
<b>Proper Shipping Name</b>	Not regulated		
<b>Hazard Class</b>	N/A		
<b>ID Number</b>	N/A		
<b>Packing Group</b>	N/A		

**Additional Information**

**DOT Quantity Limitation:** Per 49 CFR §173.154 (b) (2), this product qualifies for the LIMITED QUANTITIES exception when packaged in inner packaging not over 5.0 L (1.3 gallons) net capacity each, packed in a strong outer packaging. This does not apply to transportation by vessel or aircraft.

**DOT Label for Limited Quantities:** N/A

SECTION 15	REGULATORY INFORMATION
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**EPA SARA (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986) LISTS**

[302 (EHS) TPQ, 304 RQ, 313 TRI]

N/A

SARA TITLE III SECTION 311/312 CATEGORIZATION (40 CFR 370)	YES	NO
Acute (Immediate) Health Hazard	X	
Chronic (Delayed) Health Hazard		X
Fire Hazard		X
Sudden Release of Pressure Hazard		X
Reactive Hazard		X

**STATE AND OTHER US EPA REGULATIONS**

California Prop. 65      N/A

**WHMIS CLASSIFICATION (1988)**      N/D

**NATIONAL INVENTORIES**

<b>TSCA</b>	Yes
<b>CAA HAP, ODC</b>	No
<b>CWA NPDES</b>	N/D
<b>CEPA (DSL/NDL)</b>	N/D
<b>KECI</b>	N/D

<b>AICS</b>	N/D
<b>IECSC</b>	N/D
<b>EINECS</b>	N/D
<b>ENCS</b>	N/D
<b>PICCS</b>	N/D

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SECTION 16	OTHER INFORMATION
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**ADDITIONAL GHS PHRASES**

GHS phrases provided below are in addition to the phrases available in Section 2. GHS phrases are identified in accordance with GHS regulations and are triggered for each hazard category.

N/A

<b>NFPA RATING</b>	HEALTH: 2	FIRE: 0	REACTIVITY: 0
<b>HMIS RATING</b>	HEALTH: 2	FIRE: 0	REACTIVITY: 0

**THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS**

N/A

**USER RESPONSIBILITY** It is the user's responsibility to determine the suitability and adopt precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of this product.

**PREPARED BY**

Authorized supplier of RAD OPW LLC

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