

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **12TR-5 EPDM Rinsable Cleaner**
 CHEMICAL FAMILY NAME: Functional Coatings
 U.N. NUMBER: UN1719
 U.N. DANGEROUS GOODS CLASS: Caustic alkali liquids, n.o.s., Class 8, PGIII
 SUPPLIER/MANUFACTURER'S NAME: **Progressive Materials, LLC**
 ADDRESS: 540 Central Court, New Albany, IN 47150 USA
 EMERGENCY PHONE: **TOLL-FREE in USA/Canada - Chemtrec** 1-800-424-9300
National Poison Control Center (U.S.) 1-800-222-1222
 BUSINESS PHONE: 812-944-7803 (Product Information)
 WEB SITE: www.pmsilicone.com
 DATE OF CURRENT REVISION: August 24, 2015
 DATE OF LAST REVISION: New

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Product Description: This product is a light pink liquid with a sweet odor.
Health Hazards: Causes serious eye damage.
Flammability Hazards: None known.
Reactivity Hazards: None known.
Environmental Hazards: The environmental effects of this product have not been investigated; however it is expected to cause adverse effects in the environment.
Emergency Considerations: Emergency responders must wear the proper personal protective equipment suitable for the situation to which they are responding.

US DOT SYMBOLS

See Section 14

CANADA (WHMIS) SYMBOLS

Complies with WHMIS 2015

EUROPEAN and (GHS) Hazard Symbols



Signal Word: **Danger!**

Component(s) Contributing to Classification(s)

All Ingredients

GHS Hazard Classification(s):

Serious eye damage Category 1

Hazard Statement(s):

H318: Causes serious eye damage

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ACUTE: Exposure to the product causes serious eye irritation.

CHRONIC: None known

TARGET ORGANS: None known

CHRONIC: None known

Precautionary Statement(s):

P280: Wear protective gloves/protective clothing/eye protection/face protection

P305, P351, P338, P310: IN IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION; RISK PHRASES
Sodium metasilicate	6834-92-0	Not listed	Not listed	4.0 - 6.0 %	
Phosphate salt	Trade secret	Not listed	Not listed	3.0 - 5.0 %	HAZARD CLASSIFICATION: None RISK PHRASES: None
Modified alkylphenol alkoxyate(s)	Trade secret	Not listed	Not listed	1.0 - 3.0 %	HAZARD CLASSIFICATION: None RISK PHRASES: None
Other Components below reportable levels	Not Listed	Not Listed	Not listed	90 - <100%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard *JIS Z 7250: 2000*.

SECTION 4 - FIRST-AID MEASURES

EYE CONTACT: Rinse immediately with plenty of water for at least 15 minutes. Get prompt medical attention.

SKIN CONTACT: Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

INHALATION: Move to fresh air.

INGESTION: Do NOT induce vomiting. Drink 1 or 2 glasses of water. IMMEDIATELY see a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep airway clear.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED: Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11.:Toxicology Information.

RECOMMENDATIONS TO PHYSICIANS: Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

SECTION 5 - FIRE-FIGHTING MEASURES

FLASH POINT: Noncombustible

AUTOIGNITION TEMPERATURE: Not Established

FLAMMABLE LIMITS (in air by volume, %): Lower Not Established Upper Not Established
(LEL): (UEL):

FIRE EXTINGUISHING MATERIALS: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may rupture via pressure build-up when exposed to fire or extreme heat. During a fire, irritating and highly toxic gases and/or fumes may be generated during combustion or decomposition.

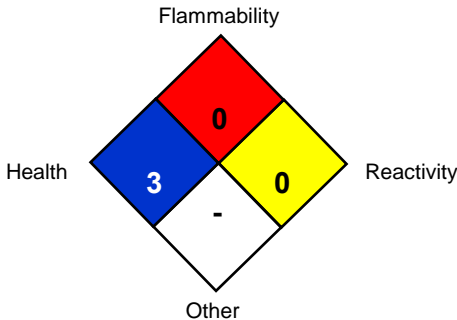
Explosion Sensitivity to Mechanical Impact: Not Sensitive.

Explosion Sensitivity to Static Discharge: Not Sensitive.

SPECIAL FIRE-FIGHTING PROCEDURES: Move containers promptly out of fire zone. If removal is impossible, cool containers with water spray. Remain upwind. Avoid breathing smoke. Contain run-off.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: In the event of fire, wear self-contained breathing apparatus.

NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			3
FLAMMABILITY HAZARD (RED)			0
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Appropriate protective equipment must be worn when handling a spill of this material. See SECTION 8, Exposure Controls/Personal Protection, for recommendations. If exposed to material during clean-up operations, see SECTION 4, First Aid Measures, for actions to follow.

ENVIRONMENTAL PRECAUTIONS: WARNING: KEEP SPILLS OF PRODUCT AS SUPPLIED OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER. DO NOT DISCHARGE CLEANING RUNOFFS DIRECTLY TO OPEN BODIES OF WATER.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Evacuate personnel to safe areas. Ventilate the area. Floor may be slippery; use care to avoid falling. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid breathing vapor. Avoid all contact.

SECTION 7 - HANDLING and STORAGE

PRECAUTIONS FOR SAFE HANDLING: Vapors can be evolved when material is heated during processing operations. See SECTION 8, Exposure Controls/Personal Protection, for types of ventilation required. Wash after handling and shower at end of work period.

CONDITIONS FOR SAFE STORAGE: Avoid temperature extremes during storage; ambient temperature preferred. Store out of direct sunlight in a cool place. Keep containers tightly closed in a cool, wellventilated place. Do not store this material in containers made of the following: aluminum

OTHER DATA: CONTAINERS MAY BE HAZARDOUS WHEN EMPTY. Since emptied containers retain product residue follow all MSDS and label warnings even after container is emptied.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

Components	Regulation	Type of Listing	Value/Notation
Phosphate salt	US WEEL	STEL	5 mg/m ³

VENTILATION AND ENGINEERING CONTROLS: Use local exhaust ventilation with a minimum capture velocity of 100 ft/ min. (0.5 m/sec.) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

PROTECTIVE MEASURES: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

EYE/FACE PROTECTION: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent). Eye protection worn must be compatible with respiratory protection system employed.

HAND PROTECTION: Chemical-resistant gloves should be worn whenever this material is handled. The glove(s) listed below may provide protection against permeation. (Gloves of other chemically resistant materials may not provide adequate protection): Nitrile rubber. Butyl-rubber. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. Gloves should be decontaminated before discarding.

OTHER PROTECTION: Use chemically resistant apron or other impervious clothing to avoid prolonged or repeated skin contact.

RESPIRATORY PROTECTION: A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent must be followed whenever workplace conditions warrant a respirator's use. None required under normal operating conditions. Where vapors and/or mists may occur, wear a properly fitted NIOSH approved (or equivalent) half-mask, airpurifying respirator. Air-purifying respirators should be equipped with NIOSH approved (or equivalent) organic vapor cartridges and N95 filters. If oil mist is present, use R95 or P95 filters.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid clear
APPEARANCE & ODOR:	This product is a light pink liquid with a sweet odor.
ODOR THRESHOLD (PPM):	Not Available
VAPOR PRESSURE (mmHg):	17 mmHg at 68°F
DENSITY:	Not Available
EVAPORATION RATE (nBuAc= 1):	<1
BOILING POINT (F°):	212°F
FREEZING POINT (F°):	Not Available
MELTING POINT (F°):	32°F
DECOMPOSITION TEMPERATURE:	Combustion generates toxic fumes of the following: Carbon oxides
pH:	13.0 - 13.5
VISCOSITY, Dynamic:	Not Available
SOLUBILITY IN WATER (%):	Completely soluble
PERCENT VOLATILITY:	87-89 % Water

SECTION 10 - STABILITY and REACTIVITY

REACTIVITY: No dangerous reaction known under conditions of normal use.

CHEMICAL STABILITY: No data available.

POSSIBILITY OF HAZARDOUS REACTIONS: This material is considered stable. Product will not undergo hazardous polymerization.

CONDITIONS TO AVOID: No data available.

INCOMPATIBLE MATERIALS: Avoid contact with the following: Strong oxidizing agents, Strong acids and strong bases. Corrosive to some metals. Avoid contact with metals such as: aluminum

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY DATA: Dermal toxicity: LD50, rat, > 2,000 mg/kg; Inhalation toxicity: LC50, rat, > 5 mg/l

IRRITANCY OF PRODUCT: Skin: slight irritation; Eye: corrosive

SENSITIZATION OF PRODUCT: Data is not available for this product.

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE: Data not available.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE: Data not available.

ASPIRATION HAZARD: Data not available.



SAFETY DATA SHEET

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SECTION 12 - ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

ENVIRONMENTAL STABILITY: No specific data is available for this product, however this product is not expected to be readily biodegradable

EFFECT OF MATERIAL ON PLANTS or ANIMALS: No specific data is currently available on this product's effects on plants or animals.

EFFECT OF CHEMICAL ON AQUATIC LIFE: LC50, Rainbow trout (*Oncorhynchus mykiss*), 96 Hour, > 1,000 mg/l, OECD Test Guideline 203 or Equivalent

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

CONTAMINATED PACKAGING: Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT: IATA: IMO: ADR:

THIS PRODUCT IS HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

This product is classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

NOTE: Combustible liquids may be shipped as Limited Quantities if packaged as described in 49 CFR 173.150 (b) if the inner packaging is not over 5 L. The requirements of 49 CFR Subchapter C do not apply to any material classed as a combustible liquid in a non-bulk packaging (49 CFR 173.150 (f)(2)). Bulk packaging means packaging other than vessel or barge that has a maximum capacity greater than 450 L (119 gal) for liquid (49 CFR 171.8).

HAZARD CLASS NUMBER and DESCRIPTION: Caustic alkali liquids, n.o.s. (Sodium metasilicate)

UN IDENTIFICATION NUMBER: UN1719

PACKING GROUP: PGIII

DOT LABEL(S) REQUIRED: Corrosive

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is classified as Dangerous Goods, by rules of IATA

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is classified as Dangerous Goods by the International Maritime Organization.

SECTION 15 - REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD: This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SARA 311 AND 312 REPORTING: Acute Health Hazard

SARA 313 REPORTING: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

PENNSYLVANIA: Any material listed as "Not Hazardous" in the CAS REG NO. column of SECTION 2, Composition/Information On Ingredients, of this MSDS is a trade secret under the provisions of the Pennsylvania Worker and Community Right-to-Know Act.

UNITED STATES TSCA INVENTORY (TSCA): All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.



SAFETY DATA SHEET

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SECTION 16 - OTHER INFORMATION

Disclaimer: The information and recommendations in this document are accurate to the best of our knowledge. User must conduct their own tests to determine the suitability of these products for their particular purposes. Because of numerous factors affecting results, Progressive Materials, LLC MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR PURPOSE, other than the material conforms to our applicable current specifications. Progressive Materials, LLC assumes no legal responsibility for use or reliance on the information contained in this Material Safety Data Sheet.