Safety Data Sheet

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

Product Name: TS Commercial Grade Product Code: 9135
Recommended Use: Repair and maintenance thermoplastic architectural coating for roofing applications.
Company: Topps Products, Inc.
P.O. Box 1632
Canton, MS 39046

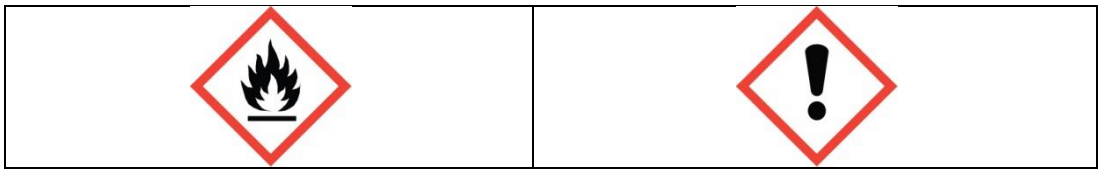
Telephone Number: 1 (800)255-3924 CHEM-TEL (813) 248-0573
"ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS"

SECTION II – HAZARDS IDENTIFICATION

GHS Classification

Flammable Liquid - Category3
Skin Irritation - Category 1A,2
Aspiration Hazard - Category 1
Specific Organ Toxicity - Category2
Eye Irritation - Category 2A, 2B
Carcinogenicity* - Category 1B
Germ cell Mutagenicity - Category 1B

*Carcinogenicity IARC Group 2B Cumene 98-82-8, Titanium Dioxide 13463-67-7
ACGIH, NTP, OSHA no component over 0.1% is classified as a Carcinogen or as a potential carcinogen



DANGER!

Hazard Statements:

H226 - Flammable liquid and vapor
H312 - Harmful in contact with skin
H319 - Causes serious eye irritation
H335 - May Cause respiratory irritation
H340 - May cause genetic defects
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H332 - Harmful if inhaled
H336 - May cause drowsiness or dizziness
H350 - May Cause Cancer

Precautionary Statements:

Prevention:

P201 - Obtain special instructions before use.
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment.
P242 - Use only non-sparking tools.
P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray
P264 - Wash skin thoroughly after handling
P280 - Wear protective gloves/ eye protection/ face protection
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat/sparks/open flames/ hot surfaces – No smoking
P241 - Use explosion proof electrical/ ventilating/ lighting/ equipment.
P243 - Take precautionary measures against static discharge
P270 - Do not eat, drink, or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P281 - Use personal protective equipment as required.

Response:

P301+P310 - IF SWALLOWED: Immediately Call a POISON CENTER or doctor/physician.
P303+ P361 P353 - IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304+P340+P312 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P305+ P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362 - Take off contaminated clothing and wash before reuse
P332+P313 - If skin irritation occurs: Get medical advice/ attention.
P331 - Do NOT induce vomiting.
P337+ P313- If eye irritation persists: Get medical advice/ attention
P308+P313 - IF exposed or concerned: Get medical advice/ attention.
P370+ P378 - In case of fire: Use water spray, alcohol resistant foam, dry chemical, or carbon dioxide for extinction.

Storage:
P403+P235 - Store in a well ventilated place. Keep cool. P403+P233- Store in a well ventilated place. Keep container tightly closed

Disposal:
P501 - Dispose of contents/ container to an approved waste disposal plant.

SECTION III - Composition/Information on Ingredients

Pure Substance/Mixture: MIXTURE

Chemical Name	Cas No.	Percentage		Chemical Name	Cas No.	Percentage
Stoddard Solvent	8052-41-3	35.7%		Titanium Dioxide	13463-67-7	5.1%
Nonane	111-84-2	1.5%		Hydrocarbon Resin	69430-35-9	3.4%
Solvent Naptha, light aromatic	64742-95-6	4.6%		2-Butoxyethanol	111-76-2	0.7%
1,2,4 trimethylbenzene	95-63-6	3.1% max		Cumene	98-82-8	0.06%
Mesitylene	108-67-8	2.0%		2-[2-hydroxy-3,5-di(1,1-dimethyl benzyl)]-2H-benzotriazole	70321-86-7	0.1%
Decanedioic Acid	41556-26-7	0.08%				

*This product is a liquid and has no dust hazards. Many of the components of this product are nuisance dusts which to the best of our knowledge do not apply as a hazard in this form. Further detail on contents is confidential. Any hazards are included in this SDS.

SECTION IV – FIRST AID MEASURES

Inhalation: Move victim to fresh air. If victim is not breathing, immediately begin rescue breathing. If breathing is difficult, 100% humidified oxygen should be administered by a qualified individual. Seek medical attention immediately. Keep the affected person warm and at rest.

Eye Contact: Check for/remove contact lenses. Flush eyes with cool, clean, low pressure water for at least 15 minutes while occasionally lifting and lowering eyelids. Do not use eye ointment unless directed by a physician. Seek medical attention.

Skin contact: Remove contaminated shoes and clothing. Flush affected area with large amounts of water. If skin is damaged, apply a clean dressing and seek medical attention. Do not use ointments. If skin is not damaged, clean affected area thoroughly with mild soap and water. Seek medical attention if tissue appears damaged or in pain or irritation persists.

Ingestion: DO NOT INDUCE VOMITING. If spontaneous vomiting is about to occur, place the victims head below their knees. If victim is drowsy or unconscious, place on left side with head down. Never give anything by mouth to a person who is not fully conscious. Do not leave victim unattended. Seek medical attention immediately.

Note to: INHALATION: Inhalation overexposure can produce toxic effects. Monitor for respiratory distress. If difficulty in breathing develops, evaluate upper respiratory tract for irritation and/or inflammation.

Avoid sympathomimetic drugs as this material (or its component) could sensitize the heart to the effects of sympathomimetic amines.

SECTION V – FIRE FIGHTING MEASURES

NFPA Class II combustible liquid.

Flash Point	Closed cup 41 C (105°F)		
Lower Flammable Limit	AP 0.5%	Upper Flammable Limit	AP 6%
Auto ignition Temp	230 C (446 °F)		

Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, various hydrocarbon fragments. Irritating vapors are formed at elevated temperatures. Fire fighters should use SCBA with a full face piece operated in positive pressure mode.

Extinguishing Media: Small Fires: Use dry chemicals, carbon dioxide, foam, water fog, or inert gas (nitrogen)
Large Fires: Use foam, water fog or water spray. Water may be ineffective. Water may not extinguish the fire. Water fog and spray are effective in cooling containers and adjacent structures. However, water can be used

to cool the external walls of vessels to prevent excessive pressure, auto ignition or explosion. DO NOT use a solid stream of water directly on the fire as the water may spread the fire to a larger area.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures:	Use Personal protective Equipment Ensure Adequate Ventilation Evacuate personnel to safe areas Material can create slippery conditions Remove all sources of ignition and sparks
Environmental Precautions:	Stop Leak Dike around spills, prevent material from entering sewers, drains and bodies of water
Method for containment	Use absorbent pads and dikes
Cleanup	Soak up with absorbent materials Remove all ignition sources Contact proper local authorities

SECTION VII – HANDLING AND STORAGE

Handling: A static electrical charge can accumulate when this material is flowing through pipe, nozzles and hoses. A static spark can ignite accumulate vapors. Keep unused containers closed to prevent vapor buildup and insure all equipment is properly grounded.

Misuse of empty containers can be dangerous; they may contain residual material which can ignite. Do not cut or weld empty containers. Do not expose empty containers to open flame, sparks or heat. Dispose of all empty containers in accordance with federal, state and local regulations.

Storage: Store in a cool, dry well ventilated area. Keep containers tightly closed. Do not store or use product near high heat, flame or other potential ignition sources. Do not store this material in unlabeled containers. All electrical in the storage area must comply with NFPA National Electric Code (NEC).

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredient	ACGIH TWA	OSHA PEL	NIOSH REL	NIOSH Ceiling
Stoddard Solvent	100 ppm	500 ppm 2900 mg/m3	350 mg/m3	1800 mg/m3 (15 minutes)
Solvent Naptha, light aromatic			25 ppm 125 mg/m3	
1,2,4 trimethylbenzene			25 ppm 125 mg/m3	
Mesitylene			25 ppm 125 mg/m3	
Titanium Dioxide	10 mg/m3	15 mg/m3		
2-Butoxyethanol		50 ppm, 240 mg/m3		

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep airborne concentrations of vapor below the workplace exposure limits listed below. All electrical should comply with National Electrical Code.

Personal Protective Equipment: Personal protective equipment should be used when working with this material in a typical outdoor work environment.
Breathing – NIOSH approved breathing mask recommended if necessitated by situation.
Eye Protection – Safety glasses with side shield are recommended as minimum protection.
Hand Protection – Avoid skin contact, use rubber gloves constructed of a chemical resistant material and wash hands with soap and water before eating or drinking. Do not use gasoline or kerosene to wash hands. Mild industrial hand cleaners may be used.
Body Protection - Avoid skin contact, change contaminated clothing immediately.

General Comments – Be sure to use this product in a well ventilated area as vapors can build up in unventilated areas to hazardous levels and become a combustible hazard.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Liquid		Vapor Pressure (mm Hg at 20 C)	0.62
Odor	Mild petroleum odor		Upper/Lower Flammability	N/A
Odor Threshold	2 ppm		Water Soluble	No
Boiling Point	313-351°F (156 – 177 C)		Viscosity	115-120 KU
Flash Point	105°F (41.7 C)		Auto ignition temp	N/A
Density	9.0 – 10.0 lb/gal		pH	Not applicable
Freeze point	<0°F		Evaporation Rate	0.12 (But Ace =1)
Vapor Density	Not Available			

SECTION X – STABILITY AND REACTIVITY

Chemical Stability: Stable Hazardous Polymerization: will not occur

Conditions to avoid: Keep away from heat, flame and other potential ignition sources. Keep away from strong oxidizing conditions and agents.

Material Incompatibility: Strong acids, alkalis, and oxidizers such as liquid chlorine, other halogens, hydrogen peroxide and oxygen.

Hazardous Decomp. Products: No additional hazardous decomposition products were identified other than those in Section V

SECTION XI –TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:
Inhalation, Ingestion, Eye Contact, Skin Contact, Skin absorption

Carcinogenicity: There are lifetime inhalation carcinogenic studies indicating the titanium dioxide may cause tumors and the IARC has re-evaluated titanium dioxide as a Group 2B. However, all studies pertain to inhalation studies and in this application the inhalation of titanium dioxide is not possible and should not be considered a concern. It is listed here for informational purposes only.
Mutagenicity: No data available to indicate product or any components present at greater than 0.1% cause mutation.
Reproductive: No data available to indicate product or any components present at greater than 0.1% may be reproductive toxicity.
Teratogenicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Toxicity Data: Petroleum Hydrocarbon distillates
Dermal, Acute LD50 (rabbit) : >2000mg/kg
Inhalation, Acute LD50 (rat) : >5.5mg/L (4 hr mist)
Oral LD50 (Rat) : >5000 mg/kg

Studies on laboratory animals have associated similar materials with eye and respiratory tract irritations and have been shown to cause skin irritation after repeated or prolonged contact. This has been noted as defatting dermatitis and kidney damage in laboratory animals.

SECTION XII –ECOLOGICAL INFORMATION

Duration	Test	Species	Concentration/Conditions
96 hr	LL50	*Oncorhyncus mykiss*	8.2 mg/L
48 hr	EL50	*Oncorhyncus mykiss*	32 mg/L
96 hr	LC50	*Pimephales promelas (fathead minnow)*	>1000 mg/l
72 hr	EC50	*Psuedokirchneriella Subcapitata (algae)*	>100 mg/l
48 hr	EC50	*Daphnia magna*	>1000 mg/l
Chronic Survival	NOELR	*Aquatic Vertebrates*	2.6 mg/L
Chronic Growth	NOELR	*Aquatic Vertebrates*	2.6 mg/L

Chronic Survival	NOELR	*Daphnia magna*	16 mg/L
Chronic Reproduction	EL 50	*Daphnia magna*	10 mg/L
Chronic Reproduction	NOELR	*Daphnia magna*	2.6 mg/L

Persistence and Degradability: Inherently biodegradable
Bioaccumulation Potential: Not Available
Soil Mobility: Not Available
Other Adverse Effects: Not Available

SECTION XIII- DISPOSAL CONSIDERATIONS

Please check with local and state agencies to determine proper disposal of unused or unwanted product. It is the responsibility of the user to determine the proper transportation and disposal for unused material. Conditions of this product may change which could cause this material to be classified as hazardous at the time of disposal. All waste must be conducted in accordance with RCRA regulations. Contact your local EPA office for assistance.

Do not re-use empty containers

SECTION XIV – TRANSPORTATION INFORMATION

The shipping description below may not represent requirements for all modes of transportation and shipping methods or locations outside the United States.

Regulatory	UN Number	Shipping name	Hazard Class	Packing Group	Placard
U.S. DOT			Combustible		
IATA	1139	Coating solution Roof Coating	3	III	
IMDG	1139	Coating solution Roof Coating	3	III	

SECTION XV – REGULATORY INFORMATION

SARA Extremely hazardous Substances (Sections 302 &304)	This product does not contain greater than 1% of any “Extremely hazardous substances” listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) section 302 or 304 as identified in 40 CFR Part 355, Appendix A and B	
SARA Section 313	This product contains the following components in concentrations greater than 0.1% for carcinogenic substances and/or 1.0% of the substances subject to the reporting requirements of Section 313 of the Title III SARA of 1986 and 40 CFR Part 372	1,2,4 Trimethylbenzene (CASRN: 95-63-6): 2.7%
Sara Section 311 & 312 Classifications	Acute Hazard: Yes Chronic Hazard Yes	Fire Hazard Yes Reactivity Hazard No
CERCLA	This product contains the following components listed under the Comprehensive Environmental Response, Compensation and Liabilities Act of 1980 (CERCLA) in 40 CFR Part 302 Table 302.4	None

Global Chemical Inventories:
Present: US TSCA*, EU, Australia, New Zealand, Canada, Korea, Philippines, China, Japan,
Not Present:
Not Available: Switzerland, Taiwan

* May be subject to TSCA 12b export notification. Contains Nonane (CASRN 111-84-2) at 3%

SCA Inventory: This product and/or its components are listed on the Toxic Substance Control Act (TSCA) inventory.

Clean Water Act: Components of this material is classified as an oil under section 311 of the Clean Water Act (CWA) and the Oil Pollution Act of 1990 (OPA). Discharge or spills which produce a visible sheen on waters of the United States must be reported to the EPA’s National response center at (800) 424-8802.

PA Right to Know Substances on the Pennsylvania Hazardous Substances List present at quantities of 1% or more: Titanium Dioxide.

NJ Right to Know	Substances on the New Jersey Workplace Hazardous Substances List present at quantities of 1% or more: Titanium Dioxide
California Prop 65	WARNING! This product contains chemicals known to the state of California to cause cancer. The listing of Titanium dioxide is for “airborne, unbound particles of respirable size.” The listing is not applicable to titanium dioxide when it remains bound within a product matrix, as it is in this product.
Additional Regulatory Remarks:	Federal Hazardous Substances Act, related statutes, and Consumer Product Safety Commission regulations, as defined by 16 CFR 1500.14(b)(3) and 1500.83(a)(13): This product contains “Petroleum Distillates” which may require special labeling if distributed in a form suitable for use in a household or by children and should display the following: Danger: Contains Petroleum Distillates! Harmful or fatal if swallowed! Call Physician immediately. KEEP OUT OF REACH OF CHILDREN!

SECTION XVI – OTHER INFORMATION

US NFPA Ratings:	Health: 1	Fire: 2	Reactivity: 0
HMIS Ratings:	Health: 1	Fire: 2	Physical Hazards: 0

Revision information:
Version number: 1.5
Revision Date: 01/15/2026

Disclaimer of Liability

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The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge, for this and other reasons we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage or disposal of the product.