Revision Number: 002.1 **Issue date:** 07/06/2011

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: TURCO FORM MASK 537 *MBO*
Product type: Strippable protective paint coating

IDH number: 597505

Region: United States

Company address:
Henkel Corporation
32100 Stephenson Highway
Madison Heights, MI 48071

Contact information:
Telephone: 248.583.9300
MEDICAL EMERGENCY Phone: Poison Control Center
1-877-671-4608 (toll free) or 1-303-592-1711
TRANSPORT EMERGENCY Phone: CHEMTREC
1-800-424-9300 (toll free) or 1-703-527-3887
Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:

Physical state:	Liquid	**HEALTH:**	*2
Color:	Light green	**FLAMMABILITY:**	2
Odor:	Solvent	**PHYSICAL HAZARD:**	0
		Personal Protection:	See MSDS Section 8

WARNING: CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
MAY BE HARMFUL OR FATAL IF INHALED, ABSORBED THROUGH SKIN OR SWALLOWED.
CONTAINS MATERIAL WHICH CAN CAUSE CANCER.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: Repeated inhalation may be harmful; lung irritation and serious central nervous system disorders may result.

Skin contact: This product is severely irritating to the skin. This product may cause an allergic skin reaction. Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

Eye contact: Vapors irritate the eyes. Contact with liquid or mist will irritate the eyes.

Ingestion: Not a likely route of entry. May be harmful if swallowed.

Existing conditions aggravated by exposure: Eye, skin and respiratory disorders. Long-term exposure can cause liver and kidney damage.

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Tetrachloroethylene	127-18-4	60 - 100
Talc	14807-96-6	5 - 10
Xylenes	1330-20-7	1 - 5
Ethylbenzene	100-41-4	0.1 - 1

4. FIRST AID MEASURES

Inhalation: If symptoms are experienced, remove source of contamination or move victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

Skin contact: In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. If symptoms develop and persist, get medical attention.

Eye contact: In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

Ingestion: Get immediate medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. Give one to two glasses of water or milk. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Notes to physician: Chlorinated hydrocarbons may sensitize the heart to epinephrine and other circulating catecholamines so that arrhythmia may occur. Careful consideration of this potential adverse should precede administration of epinephrine or other cardiac stimulants and the selection of bronchodilators.

5. FIRE FIGHTING MEASURES

Flash point: 68 °C (154.4 °F) Pensky Martens closed cup

Autoignition temperature: Not determined

Flammable/Explosive limits - lower: Not determined

Flammable/Explosive limits - upper: Not determined

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Special firefighting procedures: Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

Unusual fire or explosion hazards: In case of fire, keep containers cool with water spray.

Hazardous combustion products: Irritating and toxic gases or fumes may be released during a fire. Thermal decomposition products are toxic and include hydrogen chloride and phosgene, in lesser amounts.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Ventilate area. Contain spill. Prevent further leakage or spillage if safe to do so. Do not allow product to enter sewer or waterways. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

Clean-up methods: Collect spilled material with an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Follow all local, state, federal and provincial regulations for disposal.

7. HANDLING AND STORAGE

Handling: Avoid breathing vapors or mists of this product. Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Wash thoroughly after handling. Do not cut or weld on empty drums. Sufficient vapors from residues may be present to cause explosion and serious injury and/or death. Do not reuse the empty container.

Storage: For safe storage, store at or below 110 °F (43.3 °C)
Keep the container tightly closed and in a cool, well-ventilated place. Vent container carefully, as needed to relieve pressure.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Tetrachloroethylene	25 ppm TWA 100 ppm STEL	100 ppm TWA 200 ppm Ceiling 300 ppm MAX. CONC 5 minutes in any 3 hours	None	None
Talc	2 mg/m3 TWA Respirable fraction.	20 MPPCF TWA 2.4 MPPCF TWA Respirable. 0.1 mg/m3 TWA Respirable. 0.3 mg/m3 TWA Total dust.	None	50 ppm
Xylenes	100 ppm TWA 150 ppm STEL	100 ppm (435 mg/m3) TWA	None	None
Ethylbenzene	20 ppm TWA	100 ppm (435 mg/m3) TWA	None	None

Engineering controls: Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

Respiratory protection: If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

Eye/face protection: Wear chemical goggles; face shield (if splashing is possible).

Skin protection: Chemical resistant, impermeable gloves. Use of impervious apron and boots are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: Light green
Odor: Solvent
Odor threshold: Not available
pH: Not available
Vapor pressure: 14 mm hg None
Boiling point/range: 120 °C (248°F)
Melting point/ range: Not determined
Specific gravity: 1.50
Vapor density: > 1
Flash point: 68 °C (154.4 °F) Pensky Martens closed cup
Flammable/Explosive limits - lower: Not determined
Flammable/Explosive limits - upper: Not determined
Autoignition temperature: Not determined
Evaporation rate: > 1 (Butyl acetate = 1)
Solubility in water: Negligible
Partition coefficient (n-octanol/water): Not determined
VOC content: 95 g/l

10. STABILITY AND REACTIVITY

Stability: Stable at normal conditions.

Hazardous reactions: Will not occur.

Hazardous decomposition products: Upon combustion, oxides of chlorine may be released. Oxides of carbon. Thermal decomposition products are toxic and include hydrogen chloride and phosgene, in lesser amounts.

Incompatible materials: This product may react with strong acids or oxidizing agents. Avoid contacting this product with alkali metals, pure oxygen, open flames and welding arcs. This product should not be used in contact with aluminum or zinc or their alloys.

Conditions to avoid: Keep away from heat, ignition sources and incompatible materials.

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Tetrachloroethylene	Anticipated carcinogen.	Group 2A	No
Talc	No	No	No
Xylenes	No	No	No
Ethylbenzene	No	Group 2B	No

Hazardous components	Health Effects/Target Organs
Tetrachloroethylene	Central nervous system, Irritant, Kidney, Liver, Some evidence of carcinogenicity
Talc	Irritant, Lung, Some evidence of carcinogenicity
Xylenes	Cardiac, Central nervous system, Irritant, Kidney, Liver
Ethylbenzene	Irritant, Central nervous system

12. ECOLOGICAL INFORMATION

Ecological information: Toxic to aquatic organisms

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: This product contains a component or components identified as hazardous under 40 CFR 261.24. U210: Tetrachlorethylene U239: Xylene - mixture of isomers

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Tetrachloroethylene
Hazard class or division: 6.1
Identification number: UN 1897
Packing group: III
Marine pollutant: Tetrachloroethylene
DOT Reportable quantity: Tetrachloroethylene, Xylene (mixed)

International Air Transportation (ICAO/IATA)

Proper shipping name: Tetrachloroethylene
Hazard class or division: 6.1
Identification number: UN 1897
Packing group: III

Water Transportation (IMO/IMDG)

Proper shipping name:	TETRACHLOROETHYLENE
Hazard class or division:	6.1
Identification number:	UN 1897
Packing group:	III
Marine pollutant:	Tetrachloroethylene

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12(b) Export Notification:	Xylenes (CAS# 1330-20-7).
CERCLA/SARA Section 302 EHS:	None above reporting de minimus
CERCLA/SARA Section 311/312:	Immediate Health, Delayed Health, Fire
CERCLA/SARA 313:	This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Tetrachloroethylene (CAS# 127-18-4). Xylenes (CAS# 1330-20-7). Ethylbenzene (CAS# 100-41-4).
CERCLA Reportable quantity:	Tetrachloroethylene (CAS# 127-18-4) 100 lbs. (45.4 kg) Xylenes (CAS# 1330-20-7) 100 lbs. (45.4 kg)
California Proposition 65:	This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDSL Status:	All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
WHMIS hazard class:	D.2.A, D.1.B, D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

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