

THE GENERAL TIRE & RUBBER COMPANY
G.T.R. Chemical Company
Ashtabula, Ohio

Date Issued: August 1, 1983

Procedure No.: B-63

Supersedes:

Unit: Material Safety
Data

Subject: VINYL CHLORIDE MONOMER (VCM)

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WHERE USED:	Polymer.
USE:	Charged to reactor. Raw material for manufacture of PVC.
DESCRIPTION OF MATERIAL:	Highly volatile - liquid under pressure - becomes gas when exposed to air - slight sweet odor.
HEALTH CONCERNS:	Considered as a carcinogen. Dizziness and anesthesia. May freeze tissue. 8-hour TWA - 1 ppm. TLV - 5 ppm (15 min.). No contact with skin.
FIRST AID TREATMENT:	Eyes - flush with cool water 15 minutes. Skin - bath affected areas with luke-warm water or warm packs. Inhalation - remove to a well-ventilated area - artificial respiration if required - oxygen if needed. Ingestion - not likely. In all cases get immediate medical attention.
SPECIAL HANDLING:	Special OSHA requirements (1910.1017). Storage - under pressure (DOT regulations). Dike tanks. Spills - remove all ignition sources - ventilate area. Remove contaminated clothing. Hose down with water after evaporation of monomer. Engineering Procedures. Disposal: Incineration.
SAFETY EQUIPMENT REQUIRED:	Special OSHA requirements (1910.1017). Neoprene gloves. Explosion proof equipment. Goggles. Protective clothing. Breathing protection.
FIRE PROTECTION EQUIPMENT:	CO ₂ or dry extinguishers for small fires - water can be used for cooling but not effective on fires. Fires form toxic and corrosive gases - self-contained breathing apparatus required - ventilate area before entry.

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