

# MATERIAL SAFETY DATA SHEET

**TOUCHUP DEPOI**  
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REVISED 5/01  
SUPERCEDES ANY PREVIOUS MSDS

## SECTION I — PRODUCT IDENTIFICATION

PRODUCT NUMBER: R-14, R-21, R-36  
PRODUCT NAME: Paint Removing Compound  
PRODUCT CLASS: Mixture

## SECTION II — HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT WT	OCCUPATIONAL EXPOSURE LIMITS OSHA PEL	CAS NO.
Methylene Chloride	70-80	25 P.P.M.	75-09-2
Methanol	10-20	200 P.P.M.	67-56-1
Other	< 5 Total ( < 1 Each)	N/A	N/A

**NOTE:** METHYLENE CHLORIDE AND METHANOL ARE SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III AND 40 CFR PART 372 WHICH APPLY TO BUSINESSES WITH 10 OR MORE EMPLOYEES.

## SECTION III — PHYSICAL DATA

BOILING POINT: 104°F (INITIAL)  
VAPOR DENSITY: > 1 (AIR = 1)  
SPECIFIC GRAVITY: 1.16 - 1.19  
pH: B.C. - 10.5, M.S.S. A-1, T-21, X<sup>2</sup>  
13C - 14.0, F-14 #1  
VAPOR PRESSURE: < 300 mmHg @ 20C  
PERCENT VOLATILE: > 97.0%  
VOC EMISSION CONTENT: = 190 g/L M-36, F-14, A-1, #1, X<sup>2</sup>  
= 89 g/L T-21

APPEARANCE/ODOR:

CLEAR COLORLESS LIQUID WITH SWEET ETHER-LIKE ODOR  
T-21 IS A SEMI-FRAGILE MATERIAL

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: none to Boiling Point T.O.C. LEL: 1.2  
 EXTINGUISHING MEDIA: [X] ALCOHOL FOAM [X] CO2 [X] DRY CHEMICAL [X] WATER FOAM [ ] OTHER  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: remover contains chlorinated solvents, which can form flammable vapor/air mixtures at high concentrations at elevated temperatures (above ambient). At high temperatures (during fire) the remover decomposes and irritating vapors are formed: hydrochloric acid as gas, and others (Carbon monoxide).  
 SPECIAL FIREFIGHTING PROCEDURES: Self-contained breathing apparatus with a full facepiece operated in pressure-demand or positive pressure mode.

SECTION V -- HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and even asphyxiation/death. Carboxhemoglobin levels can be elevated in persons exposed to methylene chloride and can cause a substantial stress on the cardiovascular system. This elevation can be additive to the increase caused by smoking and other carbon monoxide sources.  
 SWALLOWING: May cause gastrointestinal irritation, nausea, headache, possible blindness and death.  
 MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Acute and chronic liver and kidney disease, chronic lung disease, anemia, coronary disease or rhythm disorders of the heart.  
 PRIMARY ROUTE(S) OF ENTRY: [X] DERMAL [X] INHALATION [X] INGESTION  
 EMERGENCY AND FIRST AID PROCEDURES:

IF ON SKIN: Thoroughly wash exposed area with soap and water. Remove contaminated clothing/laundry contaminated clothing before reuse.  
 IF IN EYES: Flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention.  
 IF SWALLOWED: Call physician, poison control center, or hospital emergency room IMMEDIATELY for instructions to induce vomiting. NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON.  
 IF BREATHED: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get medical attention. Do not give stimulants. Epinephrine or Ephedrine may adversely affect the heart with fatal results.  
 CANCER: Methylene Chloride has been shown to cause cancer in certain laboratory animals. Risk to your health depends on level & duration of exposures.

SECTION VI -- REACTIVITY DATA

STABILITY: [X] STABLE under normal conditions.  
 HAZARDOUS POLYMERIZATION: [ ] MAY OCCUR [X] WILL NOT OCCUR  
 HAZARDOUS DECOMPOSITION PRODUCTS:  
 CONDITIONS TO AVOID: contact with pure oxygen; alkali metals; open flames; electrical sparks; welding torches.  
 Storage in aluminum containers is not recommended.  
 INCOMPATIBLE MATERIALS TO AVOID: same as above, also avoid contact with strong alkalis, strong oxidizing agents.

SECTION VII -- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ventilate area of spill before attempting cleanup. Cover spilled remover with absorbent material, VERMICULITE or similar. Do not use Sawdust. Place wet absorbent into metal containers (covered) and place outdoors. Spark proof tools (telescopic) should be used.  
 WASTE DISPOSAL METHOD: dispose of remover waste in accordance with applicable local, state, and federal regulations.

SECTION VIII -- SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: REQUIRED IF EXPOSURE LEVEL ABOVE OSHA PEL.  
 VENTILATION: mechanical ventilation sufficient to keep exposure below federal, state, and local regulations  
 PROTECTIVE GLOVES: solvent resistant type (Neoprene or similar)  
 EYE PROTECTION: splash-proof goggles  
 OTHER PROTECTIVE EQUIPMENT: solvent resistant aprons and armguards to avoid soiling of workclothes  
 HYGIENIC PRACTICES: Wash hands after handling remover. Remove contaminated clothing immediately  
 NOTE: SAFETY SHOWER AND EYEWASH STATION SHOULD BE AVAILABLE IN WORK AREA

SECTION IX -- SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store drums in cool, well ventilated place. If stored outdoors, DO NOT STORE IN DIRECT SUNLIGHT. Keep containers (drums) tightly closed and store bung up. Aluminum metal containers are not recommended for storage. Before opening drums, partially loosen bung in order to release pressure. Never exceed storage temperature of 80°F.  
 OTHER PRECAUTIONS: The remover being of the volatile solvent type requires certain precautions in the use and handling. Eye bath and safety shower should be provided. The vapors cause irritation of the eyes, redness of the skin and irritation of the respiratory tract. Prolonged breathing of vapors can cause loss of consciousness and may be fatal. Do not get into eyes, on skin or clothing. Do not take internally. Avoid breathing of vapors. Wash up thoroughly with soap and water after handling.  
 Containers may be hazardous when emptied. Do Not Use Flame Or Torch Or Weld Used Container. Protection May Occur.

WARNING: This remover is considered to be a non-flammable paint remover. However, caution should be taken when using remover indoors. Vapors are heavier than air and may travel along the surface and collect in low areas. When exposed to flame, the product may support combustion. Workers must not smoke in work areas. Electric switches and motors should not be operated. Pilot lights, electrical igniters and all other flames should be turned off.

NOTICE: DATA AND RECOMMENDATIONS PRESENTED HEREIN ARE BASED ON OUR RESEARCH AND THAT OF OUR SUPPLIERS, AND ARE BELIEVED TO BE ACCURATE. NO GUARANTEE OF THEIR ACCURACY IS MADE, HOWEVER, AND THE PRODUCT DESCRIBED IS DISTRIBUTED WITHOUT WARRANTY, EXPRESSED OR IMPLIED, AND THE PERSON RECEIVING IT SHALL MAKE HIS OWN DETERMINATION OF THE SUITABILITY THEREOF FOR HIS PARTICULAR PURPOSE.

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