

**Common Name:** TOUGH GUY GRAFFITI & SPRAY PAINT REMOVER

**Manufacturer:** W.W. GRAINGER

**SDS Revision Date:** 8/30/2007

**SDS Format:** No Format Specified

**Item Number(s):** 2DBX9

**Manufacturer Model Number(s):**

## SDS Table of Contents

Click the desired link below to jump directly to that section in the SDS.

[SECTION 1: COMPANY IDENTIFICATION](#)

[SECTION 2: INGREDIENTS/IDENTITY INFORMATION](#)

[SECTION 3: HAZARDS IDENTIFICATION](#)

[SECTION 4: EMERGENCY AND FIRST AID PROCEDURES](#)

[SECTION 5: FIRE FIGHTING MEASURES](#)

[SECTION 6: ACCIDENTAL RELEASE MEASURES](#)

[SECTION 7: HANDLING AND STORAGE](#)

[SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION](#)

[SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES](#)

[SECTION 10: STABILITY AND REACTIVITY](#)

[SECTION 11: TOXICOLOGICAL INFORMATION](#)

[SECTION 12: ECOLOGICAL INFORMATION](#)

[SECTION 13: DISPOSAL CONSIDERATION](#)

[SECTION 14: TRANSPORT INFORMATION](#)

[SECTION 15: REGULATORY INFORMATION](#)

[SECTION 16: ADDITIONAL INFORMATION](#)

## MATERIAL SAFETY DATA SHEET

HMIS (R\*) :

HEALTH 2

FLAMMABILITY 4

REACTIVITY 0

PERSONAL PROTECTION B

**IDENTITY:** TOUGH GUY GRAFFITI & SPRAY PAINT REMOVER

PART NUMBER: 2DBX9

NOTE:

BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, OR NO INFORMATION IS AVAILABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

## SECTION 1: COMPANY IDENTIFICATION



MANUFACTURED FOR: W.W. GRAINGER, INC.

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE):  
100 GRAINGER PARKWAY  
LAKE FOREST, IL 60045

EMERGENCY TELEPHONE NUMBER: 1-800-228-5635

TELEPHONE NUMBER FOR INFORMATION: 1-847-535-5400

SIGNATURE OF PREPARER (OPTIONAL):

## SECTION 2: INGREDIENTS/IDENTITY INFORMATION



COMPONENTS (CHEMICAL IDENTITY, COMMON NAME(S))	CAS NO.	OSHA PEL	ACGIH- TLV	OTHER LIMITS RECOMMENDED	% (OPT.)
ACETONE	67-64-1	1000 PPM	500 PPM		15 - 40%
TOLUENE	108-88-3	200 PPM	50 PPM	STEL: 150 PPM	10 - 30%
METHOXY ISOPROPANOL	107-98-2	NONE	100 PPM	STEL: 150 PPM	7 - 13%
ISOBUTANE	75-28-5	800 PPM	800 PPM		7 - 13%
DIMETHYL ADIPATE	627-93-0	NONE	NONE		7 - 13%
DIMETHYL GLUTARATE	1119-40-0	NONE	NONE		7 - 13%
PPG-2 METHYL ETHER (SKIN DESIGNATION)	34590-94-8	100 PPM	100 PPM	STEL: 150 PPM	3 - 7%
D-LIMONENE (R-p-MENTHA-1, 8-DIENE)	5989-27-5	NONE	NONE	30 PPM (MANU.)	3 - 7%
PROPANE	74-98-6	1000 PPM	ASPHYXIAN		3 - 7%

ANY SUBSTANCE LISTED AS HAZARDOUS BY THE STATES OF CALIFORNIA, FLORIDA, ILLINOIS, MICHIGAN, NEW JERSEY, OHIO, PENNSYLVANIA OR TEXAS IS DESCRIBED ABOVE IF KNOWN PRESENT IN REGULATED CONCENTRATIONS.

## SECTION 3: HAZARDS IDENTIFICATION



ROUTE(S) OF ENTRY:

EYES?: YES

INHALATION?: YES

SKIN?: YES

INGESTION?: YES

ACUTE HEALTH HAZARDS:

DANGER. EXTREMELY FLAMMABLE LIQUID AND VAPOR. MAY BE HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD. CAUSES EYE IRRITATION. MAY BE HARMFUL IF INHALED. MAY CAUSE SKIN IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. CONTENTS UNDER PRESSURE.

CHRONIC HEALTH HAZARDS:

REPEATED OR PROLONGED OCCUPATIONAL OVEREXPOSURE CAN CAUSE DERMATITIS AND PAINTER'S SYNDROME.

CARCINOGENICITY:

CHEMICAL: NONE

OSHA: NO  
NTP: NO  
IARC: NO

**SIGNS AND SYMPTOMS OF EXPOSURE:**

REDNESS, TEARING, STINGING OR BURNING IN EYES. REDNESS, DRYNESS OR IRRITATION OF SKIN. DROWSINESS, DIZZINESS, LOSS OF COORDINATION, NAUSEA, VOMITING OR FATIGUE. IRRITATION OF NOSE, THROAT OR DIGESTIVE TRACT.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

PRE-EXISTING SKIN, HEART, LIVER AND KIDNEY DISORDERS MAY BE ADVERSELY AFFECTED IF EXPOSURES OCCUR. FOLLOW GOOD CHEMICAL HYGIENE PRACTICES TO AVOID THIS HAZARD.

## **SECTION 4: EMERGENCY AND FIRST AID PROCEDURES**



**EYES:**

IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS TO INSURE COMPLETE REMOVAL. SEE A PHYSICIAN IMMEDIATELY.

**INGESTION:**

DO NOT INDUCE VOMITING UNLESS DIRECTED BY A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

**INHALATION:**

GET TO FRESH AIR. IF BREATHING HAS STOPPED, QUALIFIED PERSONNEL SHOULD ADMINISTER ARTIFICIAL RESPIRATION.

**SKIN:**

IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING. IF IRRITATION ARISES AND PERSISTS, CALL A PHYSICIAN. LAUNDER CONTAMINATED CLOTHING AND SHOES BEFORE REUSE.

## **SECTION 5: FIRE FIGHTING MEASURES**



USA FLAME PROJECTION TEST (ASTM D-3065):  
>18", FLASHBACK: EXTREMELY FLAMMABLE

FLAMMABLE LIMITS: NO DATA

LEL: NO DATA  
UEL: NO DATA

**EXTINGUISHING MEDIA:**

USE CARBON DIOXIDE, DRY CHEMICAL, OR FOAM. TREAT AS AN OIL FIRE. BURNING LIQUID MAY FLOAT ON WATER.

**SPECIAL FIRE FIGHTING PROCEDURES:**

KEEP CONTAINERS COOL AND VAPORS DOWN WITH WATER SPRAY. PREVENT RUNOFF FROM ENTERING SEWERS AND PUBLIC WATERWAYS. WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA) IN CHEMICAL FIRES.

**HAZARDOUS PRODUCTS OF COMBUSTION:**

OXIDES OF CARBON AND VARIOUS HYDROCARBONS.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

AEROSOL CONTAINER (PRESSURIZED) MAY BURST IF HEATED OVER 120 DEG. F. FLAMMABLE CONTENTS.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**



#### SMALL SPILL:

WIPE UP SMALL RELEASES WITH A DRY ABSORBENT CLOTH OR OTHER ABSORBENT MATERIAL.

#### LARGE SPILL:

ABSORB LIQUID WITH VERMICULITE, ABSORBENT CLOTH, OR OTHER ABSORBENT MATERIAL. PREVENT MATERIAL FROM ENTERING SEWERS OR DRAINS. VENTILATE AREA AND BLOCK TRAFFIC. TRANSFER CONTAMINATED MATERIAL INTO SUITABLE CONTAINER FOR PROPER DISPOSAL.

## SECTION 7: HANDLING AND STORAGE



#### HANDLING:

DO NOT USE AROUND IGNITION SOURCES SUCH AS HEAT, SPARKS, OPEN FLAME, WELDING ARCS, ETC. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DO NOT SWALLOW. WASH THOROUGHLY AFTER HANDLING. AVOID INHALING MIST OR VAPORS. DO NOT DELIBERATELY CONCENTRATE AND INHALE VAPORS. USE WITH ADEQUATE VENTILATION. DIRECT SPRAY AWAY FROM FACE.

#### STORAGE:

FOLLOW LABEL DIRECTIONS CAREFULLY. KEEP OUT OF REACH OF CHILDREN. STORE IN A COOL (UNDER 120 DEG. F) DRY LOCATION AWAY FROM HEAT, SPARKS, OPEN FLAME, AND DIRECT SUNLIGHT. REPLACE CAP WHEN NOT IN USE. DO NOT PUNCTURE OR INCINERATE CONTAINER.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION



EYE PROTECTION: YES, USE GOGGLES OR APPROVED SAFETY GLASSES (ANSI Z87).

SKIN PROTECTION: YES, IMPERVIOUS.

#### RESPIRATORY PROTECTIONS:

NOT USUALLY NECESSARY. USE WITH ADEQUATE VENTILATION. USE NIOSH/MSHA APPROVED RESPIRATOR IF PELS OR TLVS ARE EXCEEDED.

#### ENGINEERING CONTROLS:

VENTILATION NOT USUALLY NECESSARY BUT SHOULD BE PROVIDED IN THE EVENT OF OVEREXPOSURE.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



#### APPEARANCE AND ODOR:

CLEAR COLORLESS LIQUID/GEL WITH AN AROMATIC SOLVENT AND CITRUS ODOR IN AN AEROSOL CAN.

pH: N/A

SPECIFIC GRAVITY (70 DEG. F): 0.888

BOILING POINT: 205 DEG. F

MELTING POINT: NO DATA

EVAPORATION RATE (BUTYL ACETATE = 1) NO DATA

PRESSURE (PSIG. @ 70 DEG. F): 50 +/- 10

VAPOR DENSITY (AIR = 1): >1

SOLUBILITY IN WATER: INSOLUBLE

VOLATILE ORGANIC COMPOUNDS (VOCS):

405.76 GRAMS PER LITER OR 49.98% BY WEIGHT VOC'S

## SECTION 10: STABILITY AND REACTIVITY



HAZARDOUS POLYMERIZATION:

THIS PRODUCT WILL NOT UNDERGO HAZARDOUS POLYMERIZATION.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

OXIDES OF CARBON AND VARIOUS HYDROCARBONS.

CHEMICAL STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AND REDUCING AGENTS.

## SECTION 11: TOXICOLOGICAL INFORMATION



NO DATA

## SECTION 12: ECOLOGICAL INFORMATION



NO DATA

## SECTION 13: DISPOSAL CONSIDERATION



DISPOSAL METHOD:

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

RCRA WASTE INFORMATION:

IF THIS PRODUCT BECOMES A WASTE, IT WOULD BE A HAZARDOUS WASTE (D001) AS DEFINED BY RCRA (40 CFR 261). HOWEVER THE WASTE SHOULD BE PROPERLY CHARACTERIZED TO EVALUATE WHETHER ITS COMPOSITION HAS BEEN MODIFIED PRIOR TO DISPOSAL.

## SECTION 14: TRANSPORT INFORMATION



DOT INFORMATION - 49 CFR 172.101:

PROPER SHIPPING DESCRIPTION: CONSUMER COMMODITY

HAZARD CLASS: ORM-D

IDENTIFICATION NUMBER: NONE

PACKING GROUP: NONE

WATER TRANSPORTATION:

PROPER SHIPPING DESCRIPTION: AEROSOLS

HAZARD CLASS: 2

IDENTIFICATION NUMBER: UN 1950

PACKING GROUP: NONE

AIR TRANSPORTATION:

PROPER SHIPPING DESCRIPTION: AEROSOLS, FLAMMABLE

HAZARD CLASS: 2.1

IDENTIFICATION NUMBER: UN 1950

PACKING GROUP: NONE

MARINE POLLUTANTS: NONE

## SECTION 15: REGULATORY INFORMATION



US FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCES CONTROL ACT) STATUS:

ALL INGREDIENTS ARE ON THE TSCA INVENTORY OR ARE NOT REQUIRED TO BE LISTED ON THE TSCA INVENTORY.

CERCLA RQ - 40 CFR 302.4 (A):

TOLUENE	(CAS: 108-88-3)	1000 LBS
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ACETONE	(CAS: 67-64-1)	5000 LBS
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SARA 313 COMPONENTS - 40 CFR 372.65:

TOLUENE	(CAS: 108-88-3)	17%
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STATE AND LOCAL REGULATIONS:

CALIFORNIA PROPOSITION 65:

WARNING:

THIS PRODUCT CONTAINS A CHEMICAL (TOLUENE) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

## SECTION 16: ADDITIONAL INFORMATION



DATE PREPARED: 08/30/07

WARNING!

THE USE OF THIS PRODUCT IS BEYOND THE CONTROL OF THE MANUFACTURER; THEREFORE, NO GUARANTEE, EXPRESSED OR IMPLIED, IS MADE AS TO THE EFFECTS OF SUCH OR THE RESULTS TO BE OBTAINED IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. THE USER MUST ASSUME ALL RESPONSIBILITY, INCLUDING INJURY OR DAMAGE, RESULTING FROM ITS MISUSE AS SUCH, OR IN COMBINATION WITH OTHER MATERIALS. THE MANUFACTURER WARRANTS ONLY THAT THIS PRODUCT MEETS THE MANUFACTURER'S SPECIFICATIONS FOR SUCH PRODUCT. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY. FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. THE SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER FOR BREACH OF WARRANTY SHALL BE REIMBURSEMENT OF THE PURCHASE PRICE OF THE PRODUCT IN THE EVENT THAT A DEFECTIVE CONDITION OF THE PRODUCT SHALL BE FOUND TO EXIST. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.