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**M A T E R I A L   S A F E T Y   D A T A   S H E E T**  
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**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**  
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THIS MATERIAL SAFETY DATA SHEET IS AVAILABLE IN SPANISH UPON REQUEST.

LOS DATOS DE SEGURIDAD DEL PRODUCTO PUEDEN OBTENERSE EN ESPANOL SI LO REQUIERE.

PRODUCT NAME : TOUCH 'N TONE SPRAY PAINT - ALL COLORS  
 UPC NUMBER : 55270, 55271, 55272, 55274, 55275, 55276, 55277  
                   55278, 55280, 55281, 55282, 55283  
 PRODUCT USE/CLASS : Aerosol Paint

MANUFACTURER:  
 DAP INC.  
 P.O. BOX 277  
 DAYTON, OH 45401-0277

24 HOUR EMERGENCY:  
 INFO TRAC: 1-800-535-5053  
 DAP INC.: 1-800-543-3840

PREPARE DATE : 07/17/96  
 REVISION NO. : 7  
 REVISION DATE: 02/01/97

GENERAL INFORMATION:  
 DAP INC.: 1-800-543-3840

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**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**  
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ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % RANGE
01	N-butane	106-97-8	15.0-20.0 %
02	Toluene	108-88-3	1.0-15.0 %
03	Titanium dioxide	13463-67-7	0.0-10.0 %
04	Aliphatic Petroleum Distillate	64742-89-8	5.0-10.0 %
05	Aromatic hydrocarbon	64742-95-6	1.0-5.0 %
06	Acetone	67-64-1	25.0-30.0 %
07	Propane	74-98-6	20.0-25.0 %
08	Mineral spirits	8052-41-3	1.0-5.0 %

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**EXPOSURE LIMITS**  
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ITEM	ACGIH		OSHA		COMPANY TLV-TWA	SKIN
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING		
01	800 ppm	N.E.	800 ppm	N.E.	N.E.	NO
02	50 ppm.	N.E.	100 ppm.	N.E.	N.E.	YES
03	10 mg/m <sup>3</sup> dust	N.E.	10 mg/m <sup>3</sup> dust	N.E.	5 mg/m <sup>3</sup> dust	NO
04	400 ppm	N.E.	400 ppm	N.E.	N.E.	NO
05	400 ppm	N.E.	500 ppm	N.E.	N.E.	NO
06	750 ppm	1000 ppm	750 ppm	N.E.	N.E.	NO
07	1000 ppm	N.E.	1000 ppm	N.E.	N.E.	NO
08	100 ppm	N.E.	100 ppm	N.E.	N.E.	NO

(See Section 16 for abbreviation legend)

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SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS  
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Remaining ingredients are not considered hazardous per the OSHA Hazard Communication Standard.

Listed Permissible Exposure Levels (PEL) are from the U.S. Dept. of Labor OSHA Final Rule Limits (CFR 29 1910.1000); limits may vary between states.

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SECTION 3 - HAZARDS IDENTIFICATION  
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EMERGENCY OVERVIEW: DANGER! Extremely flammable liquid and vapor. Vapor harmful. Harmful or fatal if swallowed. Contents under pressure. Harmful if inhaled. Exposure to temperatures above 120 degrees F. may cause can to rupture.

POTENTIAL HEALTH EFFECTS:

EFFECTS OF OVEREXPOSURE - EYE CONTACT: May cause eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May irritate skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EFFECTS OF OVEREXPOSURE - INHALATION: Vapor harmful if inhaled. Vapor may cause nose and throat irritation. Vapor inhalation may affect the brain or nervous system causing dizziness, headache or nausea. Inhalation of high concentrations of vapor is harmful and may lead to heart irregularities.

EFFECTS OF OVEREXPOSURE - INGESTION: This material may be harmful or fatal if swallowed. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal. If ingested, this product may cause vomiting, diarrhea, and depressed respiration.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Reports have associated permanent brain and nervous system damage with prolonged and repeated occupational overexposure to solvents. Overexposure or misuse of toluene can cause liver, kidney, and brain damage as well as cardiac abnormalities. Symptoms include: loss of memory, loss of intellectual ability, and loss of coordination.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY CONTACT: If dry sanded, asthma and asthma-like conditions may worsen from prolonged or repeated exposure to dust.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION

(Continued on Page 3)  
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SECTION 4 - FIRST AID MEASURES  
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EYE CONTACT: Flush with large quantities of water until irritation subsides. Contact a physician.

SKIN CONTACT: Wash with soap and water

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Contact a physician immediately.

INGESTION: DO NOT INDUCE VOMITING. Contact a physician or Regional Poison Control Center immediately.

COMMENTS: None.

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SECTION 5 - FIRE FIGHTING MEASURES  
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FLASH POINT: Aerosol. Extremely flammable. LOWER EXPLOSIVE LIMIT: N.A.  
UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: N.E.

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers may explode if exposed to extreme heat. Eliminate sources of ignition: heat, electrical equipment, sparks, and flames. Do not put in contact with oxidizing or caustic materials.

SPECIAL FIREFIGHTING PROCEDURES: Full protective equipment, including self-contained breathing apparatus, is recommended to protect from combustion products. Cool exposed containers with water.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES  
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SPILL OR LEAK PROCEDURES: Use absorbent material or scrape up dried material and place into containers.

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SECTION 7 - HANDLING AND STORAGE  
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HANDLING INFORMATION: KEEP OUT OF REACH OF CHILDREN. Avoid skin and eye contact. Avoid breathing vapors. Use only in a well ventilated area. Make sure nozzle arrow is directed away from yourself prior to discharge.

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SECTION 7 - HANDLING AND STORAGE  
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STORAGE INFORMATION: Store away from caustics and oxidizers. Keep away from heat, spark, and flame. Keep containers tightly closed when not in use. Keep containers from excessive heat and freezing. Do not store at temperatures above 120 degrees F.

OTHER PRECAUTIONS: Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal. Do not take internally.

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SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION  
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ENGINEERING CONTROLS: Provide sufficient mechanical ventilation (local or general exhaust) to maintain exposure below PEL and TLV. Vapors are heavier than air and will collect in low areas. Check all low areas (basements, sumps, etc.) for vapors before entering.

RESPIRATORY PROTECTION: If 8 hour exposure limit or value is exceeded for any component, use an approved NIOSH/OSHA respirator. Consult your safety equipment supplier and the OSHA regulation, 29 CFR 1910.134 for respirator requirements. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

EYE PROTECTION: Goggles or safety glasses with side shields

SKIN PROTECTION: Solvent impervious gloves

OTHER PROTECTIVE EQUIPMENT: None.

HYGIENIC PRACTICES: Remove contaminated clothing and wash before reuse

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES  
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BOILING RANGE	: N.A.	VAPOR DENSITY	: Is heavier than air
ODOR	: Gasoline-like		
APPEARANCE	: Opaque liquid	EVAPORATION RATE:	Is faster than Butyl Acetate
SOLUBILITY IN H2O	: Negligible		
SPECIFIC GRAVITY	: 0.65-0.75		
VAPOR PRESSURE	: N.A.		
PHYSICAL STATE	: Liquid		

(See Section 16 for abbreviation legend)

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(Continued on Page 5)  
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SECTION 10 - STABILITY AND REACTIVITY  
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CONDITIONS TO AVOID: Excessive heat and freezing.

INCOMPATIBILITY: Strong oxidizers and caustics.

HAZARDOUS DECOMPOSITION PRODUCTS: Normal decomposition products, i.e. COx,  
NOx

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions

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SECTION 11 - TOXICOLOGICAL PROPERTIES  
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No product or component toxicological information is available

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SECTION 12 - ECOLOGICAL INFORMATION  
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No Information

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SECTION 13 - DISPOSAL CONSIDERATIONS  
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WASTE MANAGEMENT/DISPOSAL: Dispose of according to Federal, State, and  
Local Standards. Use all material before disposal. If unable to use  
entire contents of can, relieve pressure in container until it equals  
external pressure. Incineration of this can without first relieving all  
pressure may result in an explosion and personal injury. Responsibility for  
proper waste disposal is with the owner of the waste.

EPA WASTE CODE - If discarded (40 CFR 261): D001-Ignitable(if residue  
remains).

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SECTION 14 - TRANSPORTATION INFORMATION  
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DOT PROPER SHIPPING NAME: Consumer Commodity

DOT HAZARD CLASS: ORM-D

DOT UN/NA NUMBER: NONE

PACKING GROUP: NONE

RESP. GUIDE PAGE: 171

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SECTION 15 - REGULATORY INFORMATION  
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U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME -----	CAS NUMBER	WT/WT % RANGE
Toluene	108-88-3	1.0-15.0 %

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

----- CHEMICAL NAME -----	CAS NUMBER
No information is available.	

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME -----	CAS NUMBER
No non-hazardous materials are the top five components in this product.	

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME	CAS NUMBER
Alkyd resin	proprietary

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause birth defects or other reproductive harm:

----- CHEMICAL NAME	CAS NUMBER
Toluene	108-88-3

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

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SECTION 16 - OTHER INFORMATION  
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HMIS RATINGS - HEALTH: 2      FLAMMABILITY: 4      REACTIVITY: 1

PREVIOUS MSDS REVISION DATE: 04/11/94

VOC less water, less exempt solvent: 545-565 gm/l(78-80%) where acetone is exempt.

VOC material: 420-440 gm/l(60-62%) where acetone is exempt

LEGEND: ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS  
N.A. - NOT APPLICABLE  
N.E. - NOT ESTABLISHED  
PEL - PERMISSIBLE EXPOSURE LIMIT  
NTP - NATIONAL TOXICOLOGY PROGRAM  
SARA - SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986  
STEL - SHORT TERM EXPOSURE LIMIT  
TLV - THRESHOLD LIMIT VALUE(8 HR. TIME WEIGHTED AVERAGE OR TWA)  
VOC - VOLATILE ORGANIC COMPOUND  
NJRTK - NEW JERSEY RIGHT TO KNOW LAW  
N.D. - NOT DETERMINED

Supersedes MSDS# 22003  
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This data is offered in good faith as typical values and not as a product specification. No warranty either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review the recommendations in specific context of the intended use and determine if they are appropriate.

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< End OF MSDS >