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MSDS - Material Data Safety Sheet

NG650 TOP & TRIM ADHESIVE

DATE PREPARED 6-12-07

SECTION I - PRODUCT IDENTIFICATION

Product Description: NG650 TOP & TRIM ADHESIVE

D.O.T. Proper Shipping Name: ADHESIVES (Flammable)
CLASS 3, UN1133, PG III

HMIS CODES:

HEALTH: 2
FLAMMABILITY: 3
REACTIVITY: 0
PROTECTION: K

Scale:

4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER		
ACETONE	67-64-1	750 ppm	500 ppm	1000 STEL	182.0 68F	75

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***
WARNING.....THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR BIRTH DEFECTS OR
OTHER REPRODUCTIVE HARM.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 133 Deg F
VAPOR DENSITY: HEAVIER THAN AIR
COATING V.O.C. : 0.18 LB/GL (21 G/L)
MATERIAL V.O.C.: 0.04 LB/GL (4 G/L)
SOLUBILITY IN WATER: NO
APPEARANCE AND ODOR: LOW VISCOSITY SYRUP WITH ACETONE ODOR

SPECIFIC GRAVITY (H2O=1): 0.9
EVAPORATION RATE: SLOWER THAN ETHER

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: -4 Deg F
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 2.2% UPPER: 13.0%

METHOD USED: TCC

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

UNUSUAL FIRE AND EXPLOSION HAZARDS

VOLATILE SOLVENT CONSTITUENT CAN READILY FORM EXPLOSIVE OR FLAMMABLE MIXTURES IN AIR. VAPORS CAN FLOW ALONG SURFACES TO
DISTANT IGNITION SOURCES AND FLASH BACK.

SECTION V - REACTIVITY DATA

STABILITY: STABLE**CONDITIONS TO AVOID**

KEEP AWAY FROM ALL SOURCES OF IGNITION AND HEAT.

INCOMPATIBILITY (MATERIALS TO AVOID)

STRONG OXIDIZATION AGENTS CAN CAUSE SPONTANEOUS COMBUSTION.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

BURNING MAY PRODUCE NITROUS OXIDE, PHENOLS, CO₂, HCN, CO

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT. EXCESSIVE EXPOSURE MAY CAUSE ANESTHETIC OR NARCOTIC EFFECTS (HEADACHE, DIZZINESS, DROWSINESS).

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

MAY CAUSE MODERATE EYE IRRITATION AND MODERATE CORNEAL INJURY. VAPORS MAY IRRITATE EYES. PROLONGED SKIN EXPOSURE MAY CAUSE DRYING OR FLAKING OF SKIN.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

MAY BE IRRITATING

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, WHICH MAY INCLUDE DIZZINESS, LOSS OF BALANCE AND COORDINATION, UNCONSCIOUSNESS AND COMA.

HEALTH HAZARDS (ACUTE AND CHRONIC)

EXCESSIVE EXPOSURE TO VAPORS CAN CAUSE IRRITATION OF MUCOUS MEMBRANES, DRYNESS OF THE MOUTH & THROAT, HEADACHES, NAUSEA, DIZZINESS, AND/OR NARCOSIS. REPEATED LIQUID CONTACT WILL DEFAT THE SKIN AND MAY CAUSE DERMATITIS. EYE CONTACT MAY CAUSE IRRITATION AND BURNING SENSATION.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

EYE, SKIN & LUNG DISEASES OR DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING, IF REQUIRED. KEEP WARM. GET MEDICAL ATTENTION.

EYE CONTACT: FLUSH WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MINUTES. SEEK IMMEDIATE MEDICAL ATTENTION.

INGESTION: IF CONSCIOUS, DRINK A GLASS OF WATER OR MILK DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL HELP.

SHOULD VOMITING OCCUR SPONTANEOUSLY KEEP VICTIM'S HEAD BELOW HIPS TO PREVENT ASPIRATION INTO LUNGS.

SKIN CONTACT: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION AS SOON AS POSSIBLE.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

HANDLE AS A FLAMMABLE LIQUID. REMOVE ALL IGNITION SOURCES. SOAK UP WET MATERIAL ON A NON-COMBUSTIBLE ABSORBENT AND PLACE IN A CLOSED METAL CONTAINER.

WASTE DISPOSAL METHOD

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN COOL, WELL VENTILATED AREAS AWAY FROM ANY IGNITION SOURCES AND STRONG OXIDIZING AGENTS. KEEP CONTAINERS TIGHTLY CLOSED, WHEN NOT IN USE. DO NOT TRANSFER TO PLASTIC CONTAINERS.

OTHER PRECAUTIONS

GROUND AND BOND METAL CONTAINERS WHEN DISPENSING. NO SMOKING IN AREAS OF USE OR STORAGE. USE ONLY NON-SPARKING TOOLS NEAR WET ADHESIVE OR SOLVENT VAPORS. SOLVENT VAPOR MUCH HEAVIER THAN AIR AND CAN COLLECT IN DANGEROUS CONCENTRATIONS IN FLOOR DRAINS OR LOW AREAS.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION

IF EXPOSURE EXCEEDS ESTABLISHED LIMITS USE AN NIOSH/MSHA APPROVED SELF CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE OR AN APPROVED FULL FACE, SUPPLIED AIR RESPIRATOR.

VENTILATION

MECHANICAL VENTILATION AND/OR LOCAL EXHAUST, SUFFICIENT IN PATTERN AND VOLUME, TO MEET TLV REQUIREMENTS AND PREVENT EXPLOSIVE CONCENTRATIONS OF SOLVENT VAPORS

PROTECTIVE GLOVES

USE NEOPRENE, VINYL OR NATURAL RUBBER GLOVES

EYE PROTECTION

SAFETY GLASSES WITH SPLASH GUARDS OR SIDE SHIELDS RECOMMENDED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

EYE WASH FOUNTAIN OR BOTTLES. SOLVENT INSOLUBLE BARRIER HAND CREAM.

WORK/HYGIENIC PRACTICES

DO NOT USE CONTACT LENSES. WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION IX - DISCLAIMER

DISCLAIMER

ALL INFORMATION IS BASED UPON DATA FROM MFG'S AND/OR TECHNICAL SOURCES, & IS BELIEVED TO BE ACCURATE. CONDITIONS OF USE ARE BEYOND OUR CONTROL & THEREFORE USERS ARE RESPONSIBLE TO VERIFY THIS DATA UNDER THEIR OWN CONDITIONS TO DETERMINE SUITABILITY FOR THEIR PURPOSE, & THEY ASSUME ALL RISKS OF USE, HANDLING, & DISPOSAL, OR FROM USE OF INFO CONTAINED HEREIN.

THIS INFORMATION RELATES ONLY TO THE PRODUCT DESIGNATED HEREIN, AND DOES NOT RELATE TO ITS USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY OTHER PROCESS.