

MATERIAL SAFETY DATA SHEET

MANUFACTURER: YKK (U.S.A.) INC.
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MSDS NO. ST HK&LP ADN

Date 02/2013

Prepared By Steve Hetes

SECTION I. MATERIAL IDENTIFICATION

CHEMICAL NAME AND SYNONYMS: **TRADE NAME AND SYNONYMS:** Smart Touch Hook & Loop Tape with ADN Adhesive

CHEMICAL FAMILY Polyamide **FORMULA** (NOC₆H₁₁)_n

SECTION II. INGREDIENTS AND HAZARDS

	%	CAS Registry No.	Comments
HOOK - Nylon 6/6 and Nylon 6	28-32 34-38	63428-83-1	
LOOP - Nylon 6	64-68		
Sulphonated Dyes	2	Proprietary	
Coating Resin	14-15	Proprietary	
Rubber Based Adhesive	16	Natural Rubber Latex Free*	*Based on supplier information. DO NOT APPLY TO PVC

SECTION III. PHYSICAL DATA

Boiling point at 1 atm, deg F	N/A	Specific gravity (H₂O=1)	1.10 ~ 1.15
Vapor pressure at (mm Hg)	N/A	Evap. Rate (_____ =1)	
Vapor density (Air = 1)	N/A	Volatiles, % by Volume	10
Water Solubility	Negligible	Molecular Weight	
pH	7 +/-1	Melting Point	420°F (215°C)
Appearance & Odor	Odor negligible		

SECTION IV. FIRE AND EXPLOSION DATA

			LOWER	UPPER
Flash Point and Method	Autoignition Temp.	Flammability Limits In Air	N/A	N/A
Not Known	N/A			

Extinguishing media: Water spray or dry chemical CO₂

Special fire fighting procedures Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards None.

SECTION V. HEALTH HAZARD INFORMATION

TLV

Effects of overexposure None Expected in Normal Use

FIRST AID

Eye contact: Vapors and fumes released at or above melting temperatures may cause irritation.

Skin contact: If burned by molten plastic, cool area quickly with cold water. See physician for removal of adhering plastic and treatment of burns.

Inhalation: Vapors and fumes may cause irritation to nose, throat, or respiratory tract at elevated temperatures. Remove exposed subject to fresh air.

Ingestion: Not expected in normal industrial use. Do not induce vomiting before consulting physician.

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SECTION VI. REACTIVITY DATA

Stability	Stable Unstable	X	Conditions to avoid: N/A
Incompatibility (Materials to Avoid)	Oxidizing materials		
Hazardous decomposition products:	Combustion produces CO ₂ , NO _x , possibly CO, acrid smoke		
Hazardous Polymerization:	May Occur:		Conditions to avoid: N/A
	Will not Occur:	X	

SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

SPILLS, LEAKS: (Steps to be taken) Collect for reuse or disposal.

WASTE DISPOSAL METHOD: Incinerate or dispose of an approved sanitary landfill in accordance with local, state, and federal codes.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type) None required unless product is burned. A NIOSH approved chemical cartridge respirator can be used for very short, limited vapor exposure.

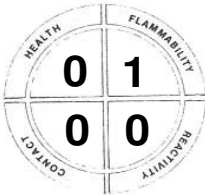
Ventilation:	Local Exhaust None required	Special None
	Mechanical None required	Other None
Protective Gloves:	Eye Protection:	
Other protective equipment and precautions		

SECTION IX. SPECIAL PRECAUTIONS AND COMMENTS

Storage & Handling Information
Store between 32°F and 104°F in a tightly closed box and well ventilated area.

Other Precautions

DOT Class Not classified as hazardous under transport regulations.



Hazard Identity

It is the purchaser's sole obligation and responsibility in determining the suitability of this information for the purpose in which purchaser intends. YKK makes no warranties, or representations nor does YKK assume any responsibility as to the accuracy or suitability of this information for purchaser's intended purpose or consequences of using this information.	Signed <u>Steve Hetes</u>
	Title <u>Product Certification Engineer</u>

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